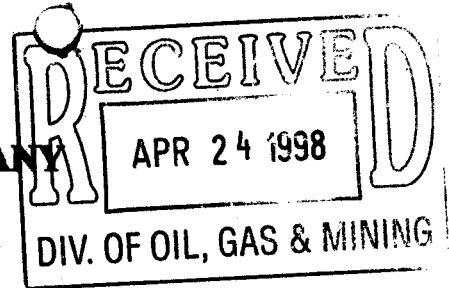


ENRON OIL & GAS COMPANY

**P.O. Box 250
Big Piney, WY 83113**



April 17, 1998

**Utah Division of Oil, Gas, & Mining
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801**

**RE: APPLICATION FOR PERMIT TO DRILL
CHAPITA WELLS UNIT #550-30N
NW/NE, SEC. 30, T9S, R23E, SLB & M
UINTAH COUNTY, UTAH
LEASE NO. U-337
FEDERAL LAND-BLM**

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

**Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone # (801) 789-4120
Fax # (801) 789-1420**

Sincerely,

A handwritten signature in dark ink, appearing to read "Ed Trotter".

**Ed Trotter
Agent**

Enron Oil & Gas Company

Attachments

/EHT/dmt

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ENRON OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 1815, VERNAL, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

600' FNL & 1900' FEL NW/NE

At proposed prod. zone

CONFIDENTIAL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

19.9 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

600'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2344.08

19. PROPOSED DEPTH

6620'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

5112' GRADED GROUND

22. APPROX. DATE WORK WILL START*

MAY 1998

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	200-220'	100-150 SX CLASS "G" + 2%
OR 12 1/4"	9 5/8"	32.30#	200-220'	CaCl ₂ + 1/4 #/SX CELLOFLAKE.
7 7/8"	4 1/2"	10.50#	6620'	50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE--MAP "D"
FACILITY DIAGRAMENRON OIL & GAS COMPANY WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER NATIONWIDE BOND #81307603

pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE AGENT

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or constitute any implied or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

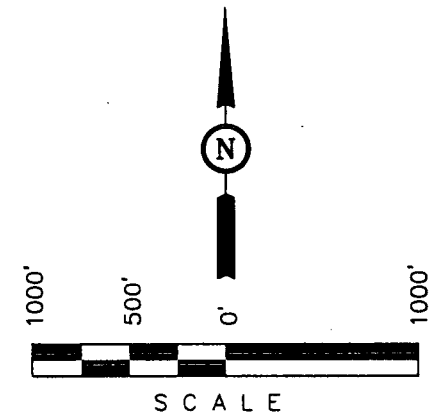
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

ENRON OIL & GAS CO.

Well location, CWU #550-30N, located as shown in the NW 1/4 NE 1/4 of Section 30, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (60 EAM) IN THE SE 1/4 NW 1/4 OF SECTION 24, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5012 FEET.



CERTIFICATE

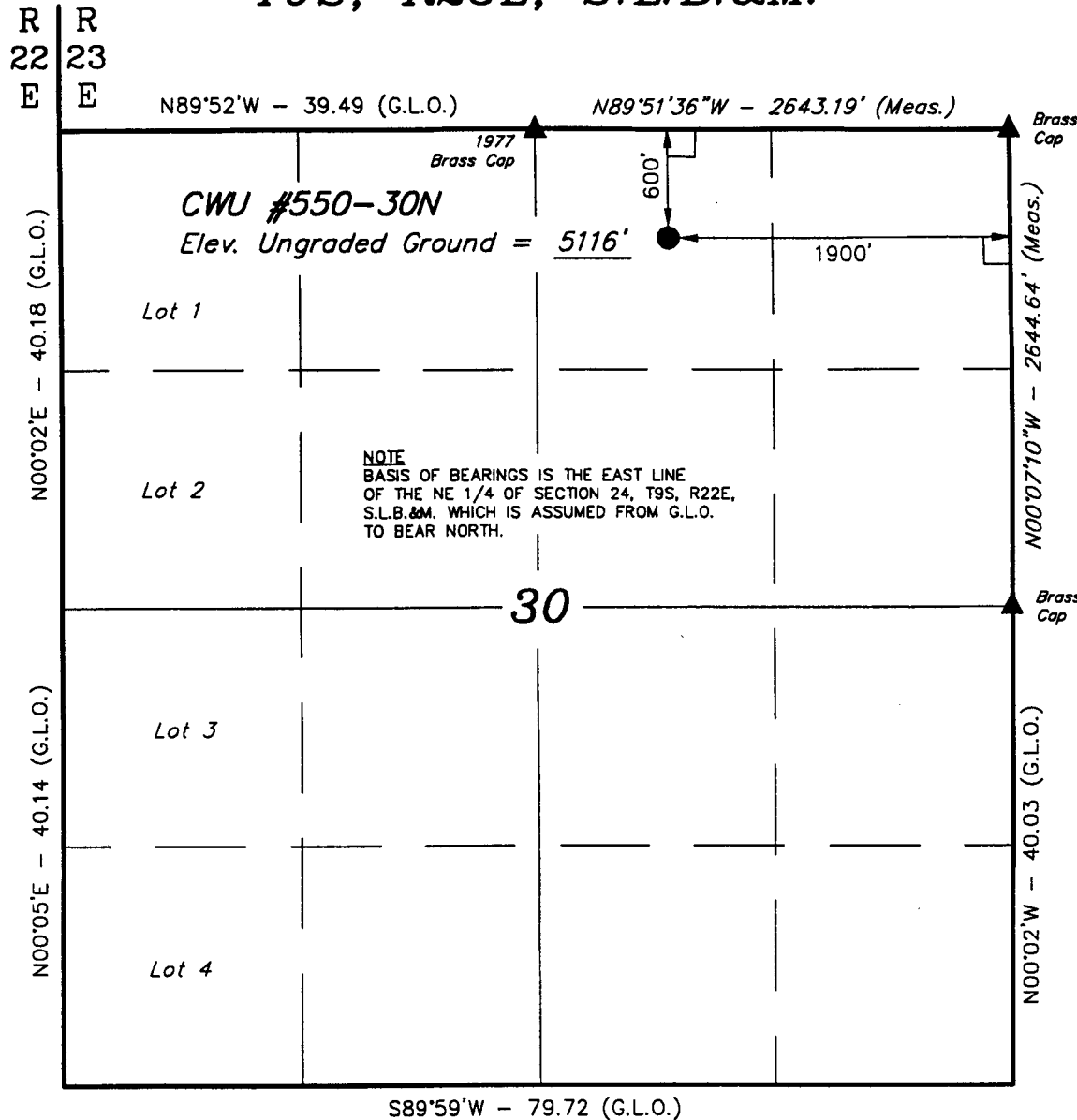
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-13-97	DATE DRAWN: 9-18-98
PARTY D.A. K.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ENRON OIL & GAS CO.	

T9S, R23E, S.L.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

EIGHT POINT PLAN

CHAPITA WELLS UNIT #550-30N NW/NE, SEC. 30, T9S R23E, SLB & M UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	1814		
Oil Shale	1814		
"H" Marker	3189		
"J" Marker	3829		
Base "M" Marker	4259		
Wasatch	4609		
Peters Point	4609	GAS	2000
Chapita Wells	5139	GAS	2000
Buck Canyon	5699	GAS	2000
EST. TD	6620'	Anticipated BHP 2900 PSI	

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

							<u>MINIMUM SAFETY FACTOR</u>		
<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
11"	0' - 220'	200'-220'	8 5/8	24#	J-55	ST&C	1370 PSI	2950 PSI	263,000#
or									
12 1/4"	0' - 220'	200'-220'	9 5/8	32.3#	H-40	ST&C	1370 PSI	2270 PSI	254,000#
7 7/8"	0' - 6620'	6620'	4 1/2	10.5 #	J-55	ST&C	4010 PSI	4790 PSI	146,000#

All casing will be new or inspected.

5. MUD PROGRAM

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 220'	Air
240' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute
TD	Gel/polyacrylamide polymer w/5-10% LCM

Lost circulation probable from 1500' to 3000' +/-.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

EIGHT POINT PLAN

CHAPITA WELLS UNIT #550-30N NW/NE, SEC. 30, T9S R23E, SLB & M UINTAH COUNTY, UTAH

6. VARIANCE REQUESTS:

- A. Enron requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used). .
- B. Enron requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. Enron requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. EVALUATION PROGRAM:

Logs:	AIT/GR/SP/CAL	From base of surface casing to TD.
	FDC/CNL/GR/Cal/PE/ML	TD to 3100'
	Platform Express	
Cores:	None Programmed	
DST':	None Programmed	

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/GR will be run in lieu of open hole logs.

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances (as defined in 40 CFR 355), in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

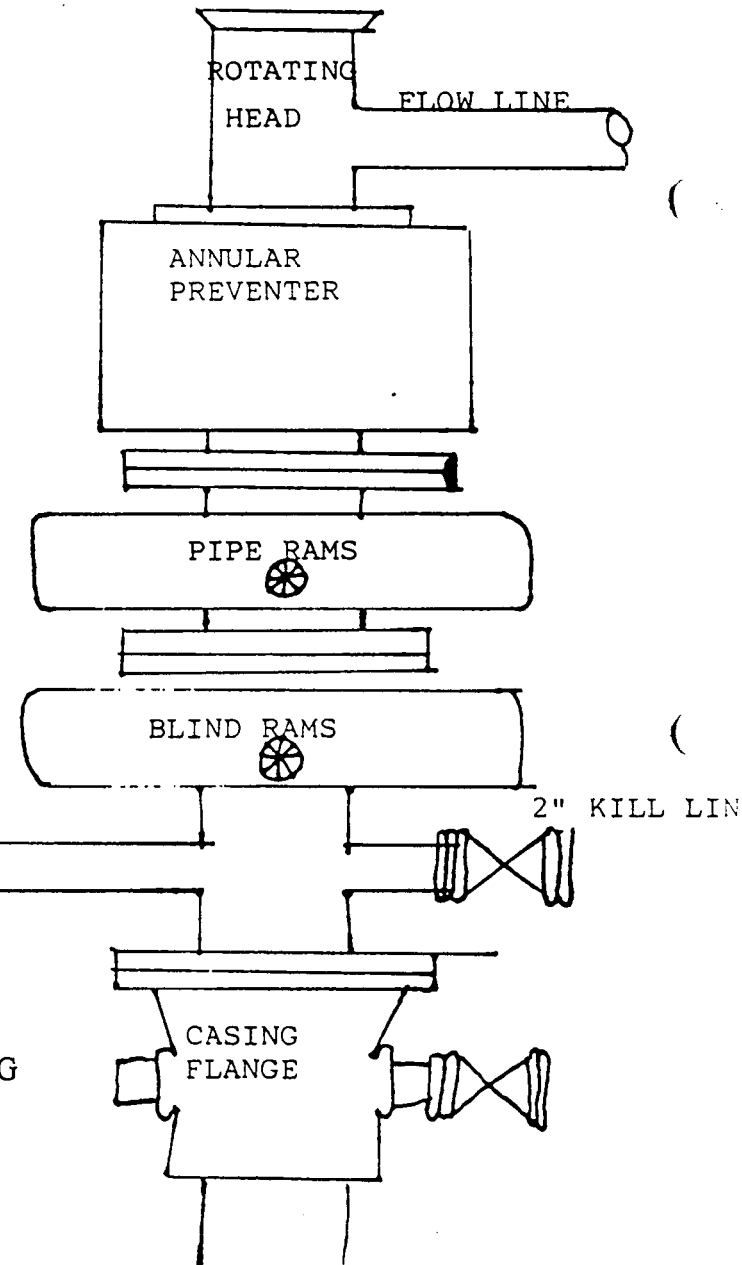
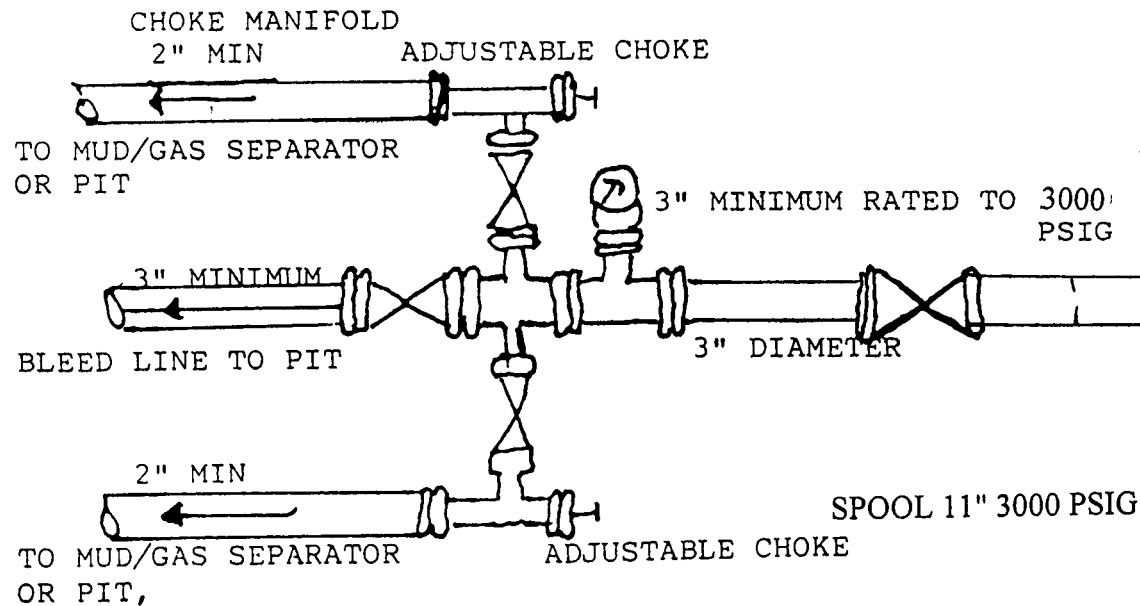
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED.

CASING FLANGE IS 11" 3000 PSIG RATED.

BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil & Gas Company
Well Name & Number: Chapita Wells Unit #550-30N
Lease Number: U-337
Location: 600' FNL & 1900' FEL, NW/NE, Sec. 30, T9S, R23E, SLB & M
Surface Ownership: Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice To Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 19.9 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 50 feet in length.
See attached TOPO Map "B"
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 8%
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerline - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of- Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Enron Oil & Gas Company shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells - None
 - B. Abandoned wells - None
 - C. Temporarily abandoned wells - None.
 - D. Disposal wells - None.
 - E. Drilling wells - None.
 - F. Producing wells - 3*
 - G. Shut in wells - None
 - H. Injection wells - None
- (*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, combination separator-dehy unit with meter run, 300 Bbl vertical or 200 Bbl low profile condensate tank, and attaching piping. See attached facility diagram.
- 3. Oil gathering lines - None

4. Gas gathering lines- A 3" nominal gathering line will be buried from dehy to the edge of location.
5. Injection lines - None
6. Disposal lines - None
7. Surface pits - None

B. OFF WELL PAD

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
 2. A 3" nominal steel above ground natural gas pipeline will be laid approximately 135' from proposed location to a point in the NW/NE of Section 30, T9S, R23E, where it will tie into Questar Pipeline Co's existing line. Proposed pipeline crosses Federal lands within the Chapita Wells Unit, thus a Right-of-Way grant will not be required.
 3. Proposed pipeline will be a 3" nominal steel, welded line laid on the surface.
 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.
- If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the South side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW Sec. 35, T9S, R22E Uintah County, Utah (State water right #49-1501).
- B. Water will be hauled by an approved Enron Oil & Gas Co. contractor.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No.7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.
- D. The approved seed mixture for this location is:
 - 4 pounds 4 Wing Salt Bush per acre
 - 3 pounds Shad Scale per acre
 - 3 pounds Needle and Thread Grass per acre
 - 2 pounds Western Wheat Grass per acre.

The reserve pit will be located on the North side of the location.

The flare pit will be located downwind of the prevailing wind

direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil East of Corner "C".

The stockpiled location topsoil will be stored on the West end of the location between Corner #3 and the pond and will be seeded with the approved seed mixture for this location. Upon completion of construction, the stockpiled topsoil from the location will be seeded and ~~then~~ walked down with a Dozer.

Access to the well pad will be from the Southwest.

N/A Diversion ditch(es) shall be constructed on the _____ side of the location (above/below) the cut slope, draining to the _____

N/A Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons _____

X Corner No. 8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner

braces. Maximum distance between any two posts shall be no greater than 16'.

- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguards (shall/ shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the

approximate natural contours. **Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded by broadcasting the seed mix identified in the APD, then walking the seed in with a dozer.**

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal

Location: Federal

12. OTHER INFORMATION

A. Enron Oil & Gas Company will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

Additional Surface Stipulations

N/A No construction or drilling activities shall be conducted between _____ and _____ because of _____

N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

N/A No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

N/A No cottonwood trees will be removed or damaged.

X One pond will be constructed according to BLM specifications approximately 1/4 mile north of the location, as flagged on onsite.

LESSEE'S OR OPERATOR'S REPRESENTATIVES AND CERTIFICATION

<u>OPERATIONS</u>		<u>PERMITTING</u>
Enron Oil & Gas Company	Enron Oil & Gas Company	Ed Trotter
P.O. Box 250	P.O. Box 1815	P.O. Box 1910
Big Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim Schaefer	George McBride	Telephone (801) 789-4120
Telephone (307) 276-3331	Telephone (801) 789-0790	Fax # (801) 789-1420

All lease/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Enron Oil & Gas Company and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

4-13-1998

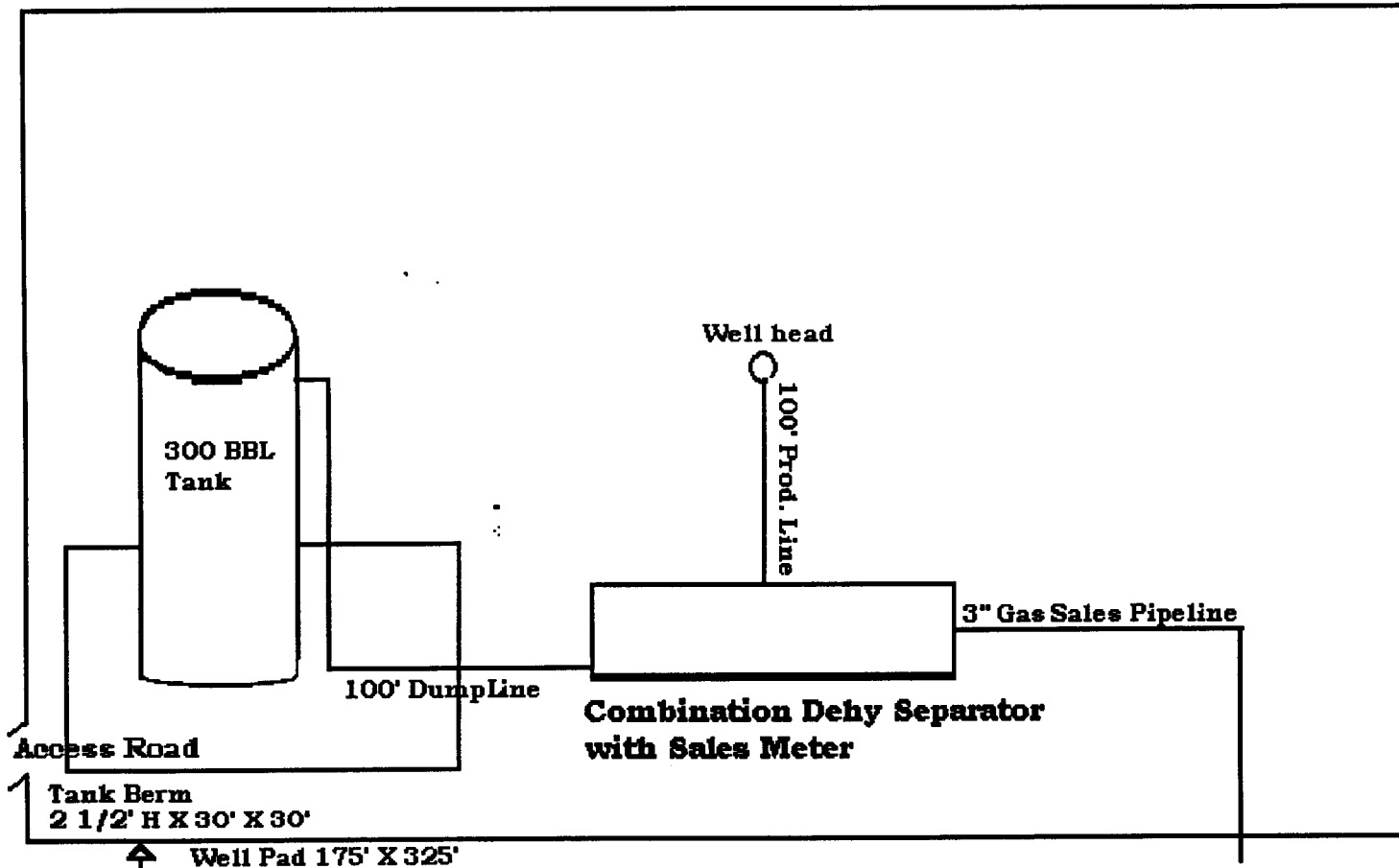
Date



Ed Trotter-Agent-
Enron Oil & Gas Company

SITE FACILITY DIAGRAM
CHAPITA WELLS UNIT #550-30N
SEC. 30, T9S, R23E, NW/4NE/4
UINTAH COUNTY, UTAH
FEDERAL LEASE NO. U-337

(Site Security Plan is on file at Emron's Vernal Office)



LOCATION LAYOUT FOR

**Proposed
Drainage
Re-Route**

C-0.4'
El. 112.6'

C-1.7'
El. 113.9'

Sta. 3+25

*Proposed Pipeline
Re-Route*

Approx.
Toe of —
Fill Slope

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

TS

El. 105.3
C-1.1'
(btm. pit)

F-5.3'
El. 106.9'

PIPE RACKS

C-3.9'
EL. 116.1'

C-3.1'
El. 115.3'

Sta. 1+50

Approx. $\frac{1}{2}$
Top of
Cut Slope

FLARE PIT



10' WIDE BENCH / DIKE

Sta. 0+3	RESERVE PITS (8' Deep)	Pit Capacity With 2' of Freeboard is ± 4,140 Bbls.
----------	---------------------------	---

Sta. 0

El. 114
C-1

El. 113.2'
C-9.0'
(btm. pit)

El. 113.8'
C-1.6'

F-1.7'
El. 110.5'

F-1.3'
El. 110.9'

Sta. 0+00

Existing Road

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 5116.1'
Elev. Graded Ground at Location Stake = 5112.2'

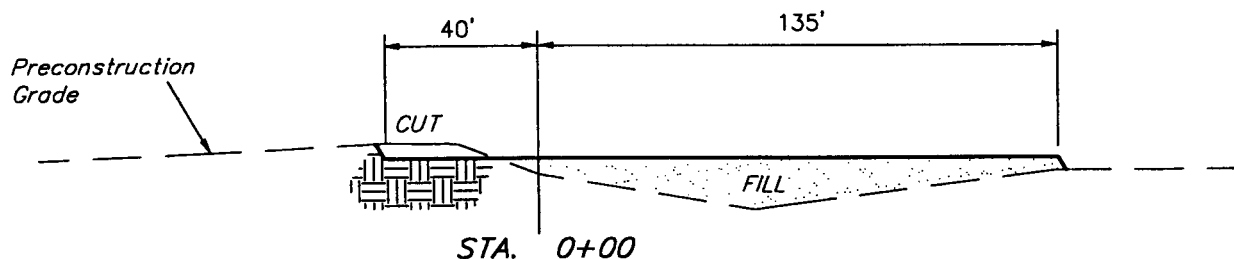
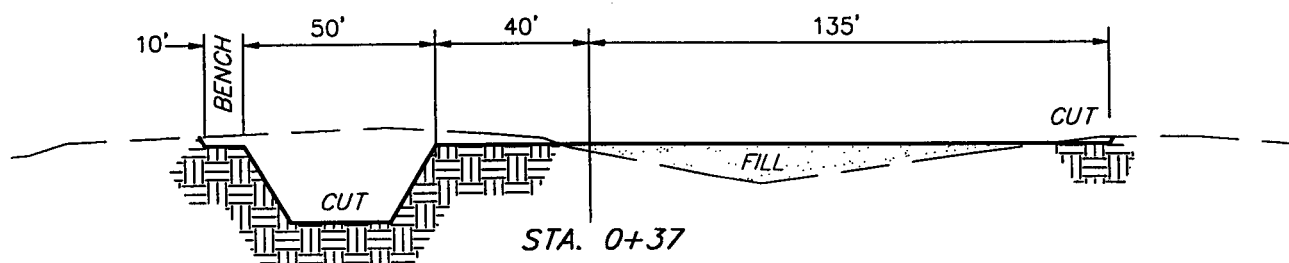
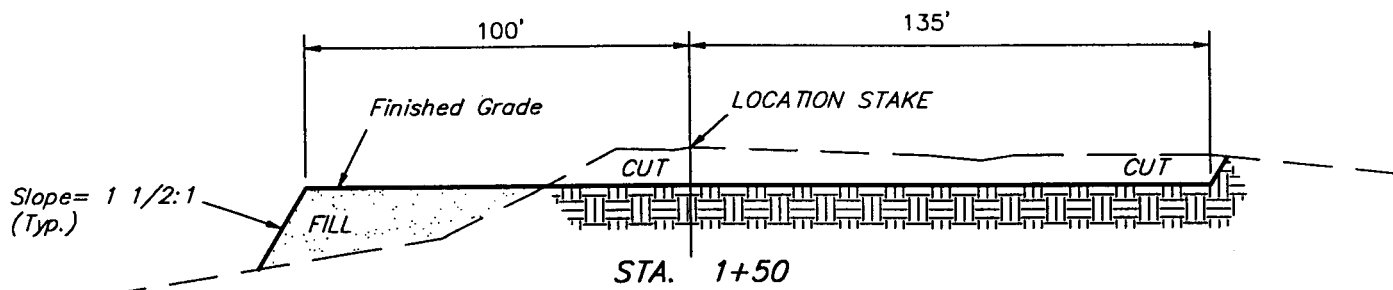
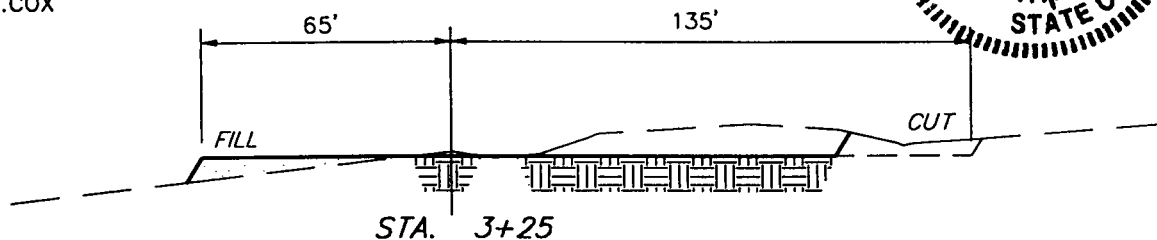
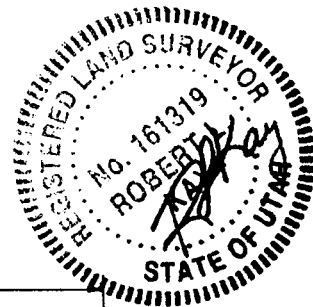
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

$1" = 20'$
 X-Section
 Scale
 $1" = 50'$
 DATE: 2-18-98
 Drawn By: D.COX

ENRON OIL & GAS CO.

TYPICAL CROSS SECTIONS FOR

CWU #550-30N
 SECTION 30, T9S, R23E, S.L.B.&M.
 600' FNL 1900' FEL

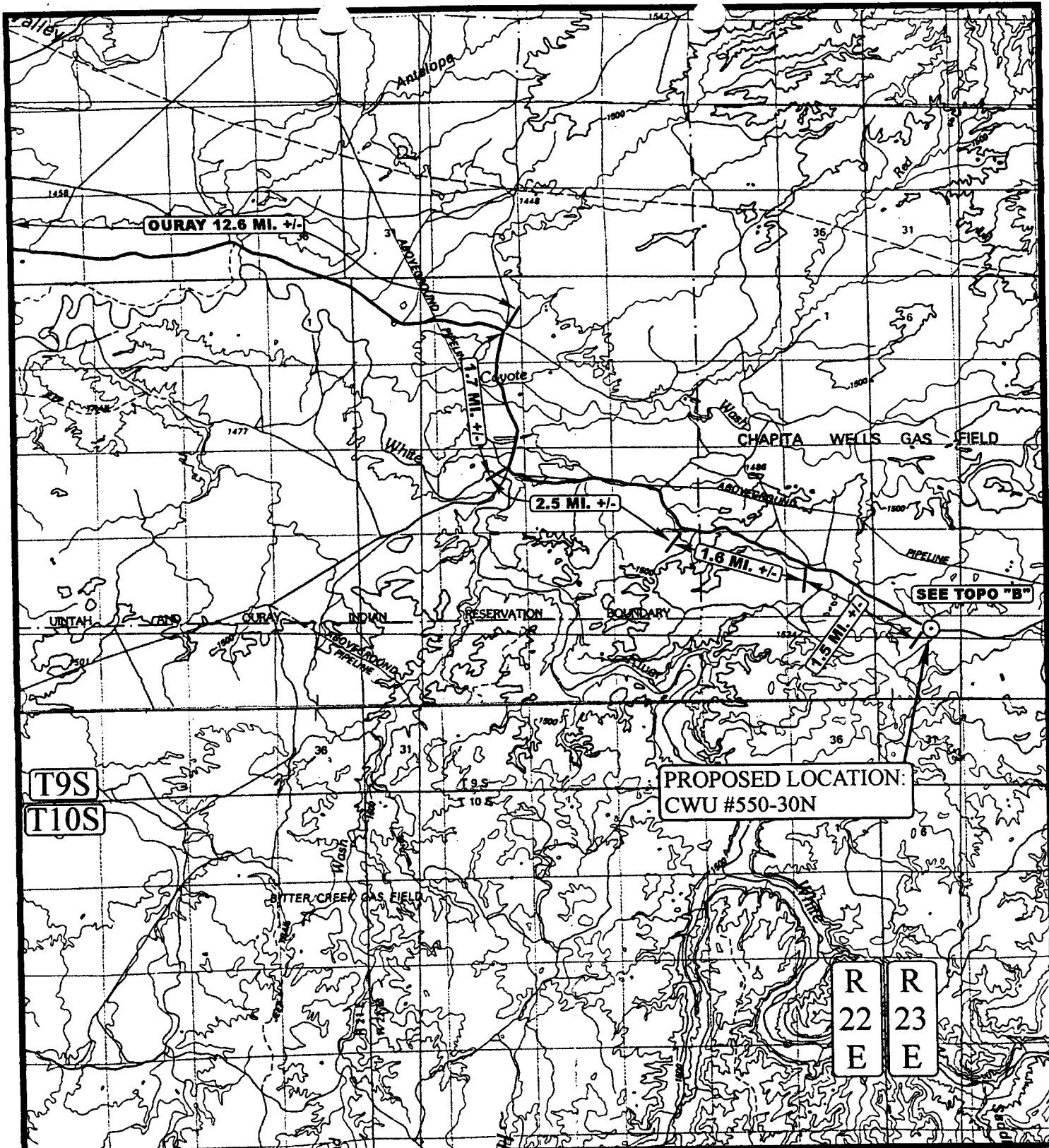


APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,250 Cu. Yds.
 Remaining Location = 3,820 Cu. Yds.
 TOTAL CUT = 5,070 CU.YDS.
 FILL = 3,010 CU.YDS.

EXCESS MATERIAL AFTER
 5% COMPACTION = 1,900 Cu. Yds.
 Topsoil & Pit Backfill
 (1/2 Pit Vol.) = 1,900 Cu. Yds.
 EXCESS UNBALANCE
 (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION

ENRON OIL & GAS CO.

CWU #550-30N

SECTION 30, T9S, R23E, S.L.B.&M.

600' FNL 1900' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

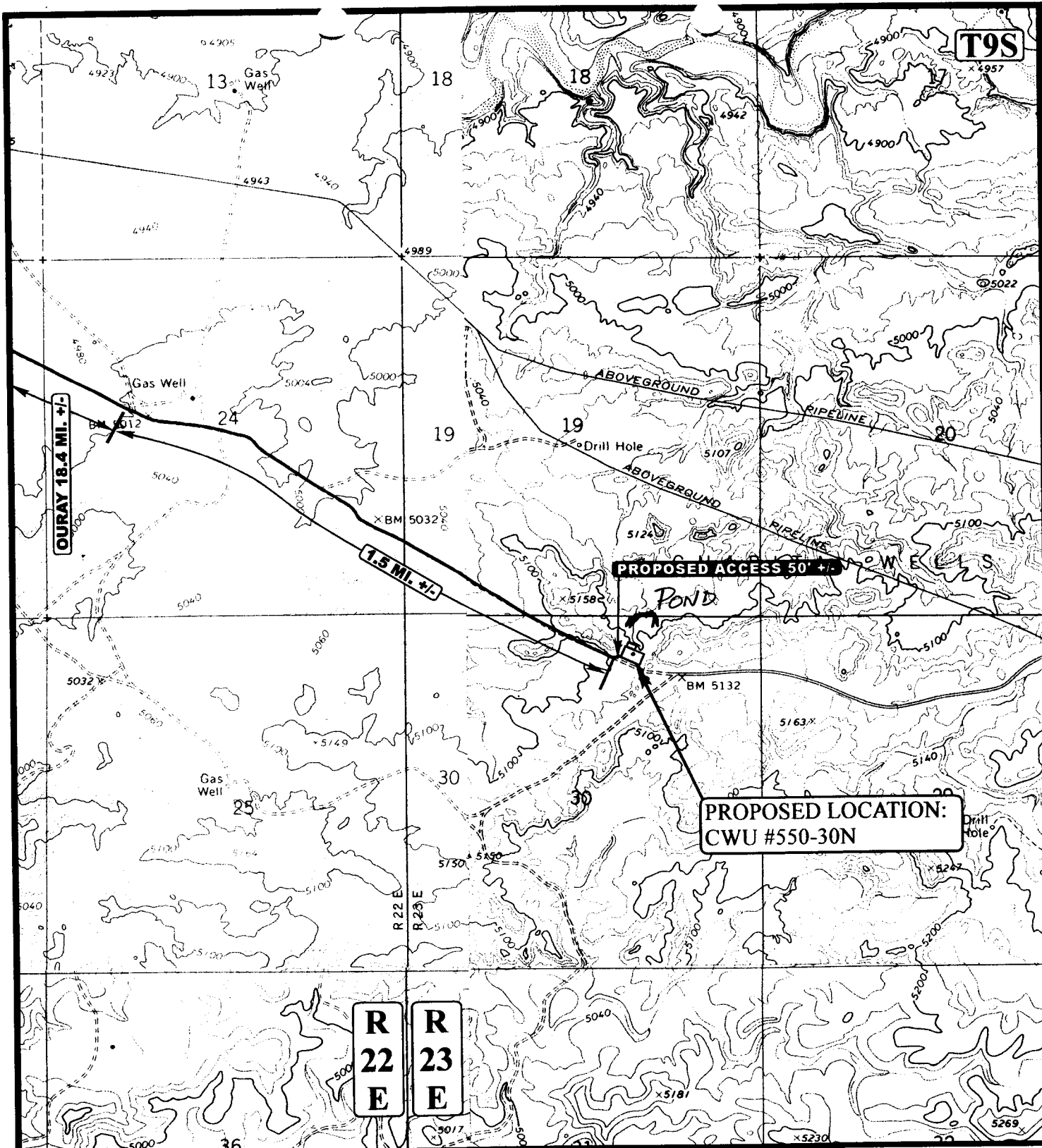


TOPOGRAPHIC
MAP

2 5 98
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00





LEGEND:

--- PROPOSED ACCESS ROAD
— EXISTING ROAD

ENRON OIL & GAS CO.

CWU #550-30N
SECTION 30, T9S, R23E, S.L.B.&M.
600' FNL 1900' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

2 **5** **98**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

B
TOPO

T9S

TIE-IN POINT

PROPOSED PIPELINE

EXISTING PIPELINE

PROPOSED ACCESS ROAD

EXISTING PIPELINE
RE-ROUTE

DETAIL "A"

ABOVEGROUND

5124

CHAPITAN

SEE DETAIL "A"

EXISTING PIPELINE

BM 5132

PROPOSED LOCATION:
CWU #550-30N

5163

R
22
E

R
23
E

APPROXIMATE TOTAL PIPELINE DISTANCE = 135' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

N

ENRON OIL & GAS CO.

CWU #550-30N

SECTION 30, T9S, R23E, S.L.B.&M.

600' FNL 1900' FWL

U
E
L
S

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

2 5 98
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/24/98

API NO. ASSIGNED: 43-047-33116

WELL NAME: CWU 550-30N

OPERATOR: ENRON OIL & GAS CO (N0401)

CONTACT: Ed Trotter (435) 789-4120

PROPOSED LOCATION:

NWNE 30 - T09S - R23E

SURFACE: 0600-FNL-1900-FEL

BOTTOM: 0600-FNL-1900-FEL

UINTAH COUNTY

NATURAL BUTTES FIELD (630)

LEASE TYPE: FED

LEASE NUMBER: U-337

SURFACE OWNER: Federal

INSPECT LOCATION BY: / /

TECH REVIEW

Initials

Date

Engineering

Geology

Surface

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State[] Fee[]
(No. #81307603)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5(B)
☒ Water Permit
(No. Orey Brine Plant / 49-1501)
☒ RDCC Review (Y/N)
(Date: _____)
☒ St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☒ R649-2-3. Unit Chapite Wells
____ R649-3-2. General
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Date: _____

COMMENTS:

STIPULATIONS:

① FEDERAL APPROVAL



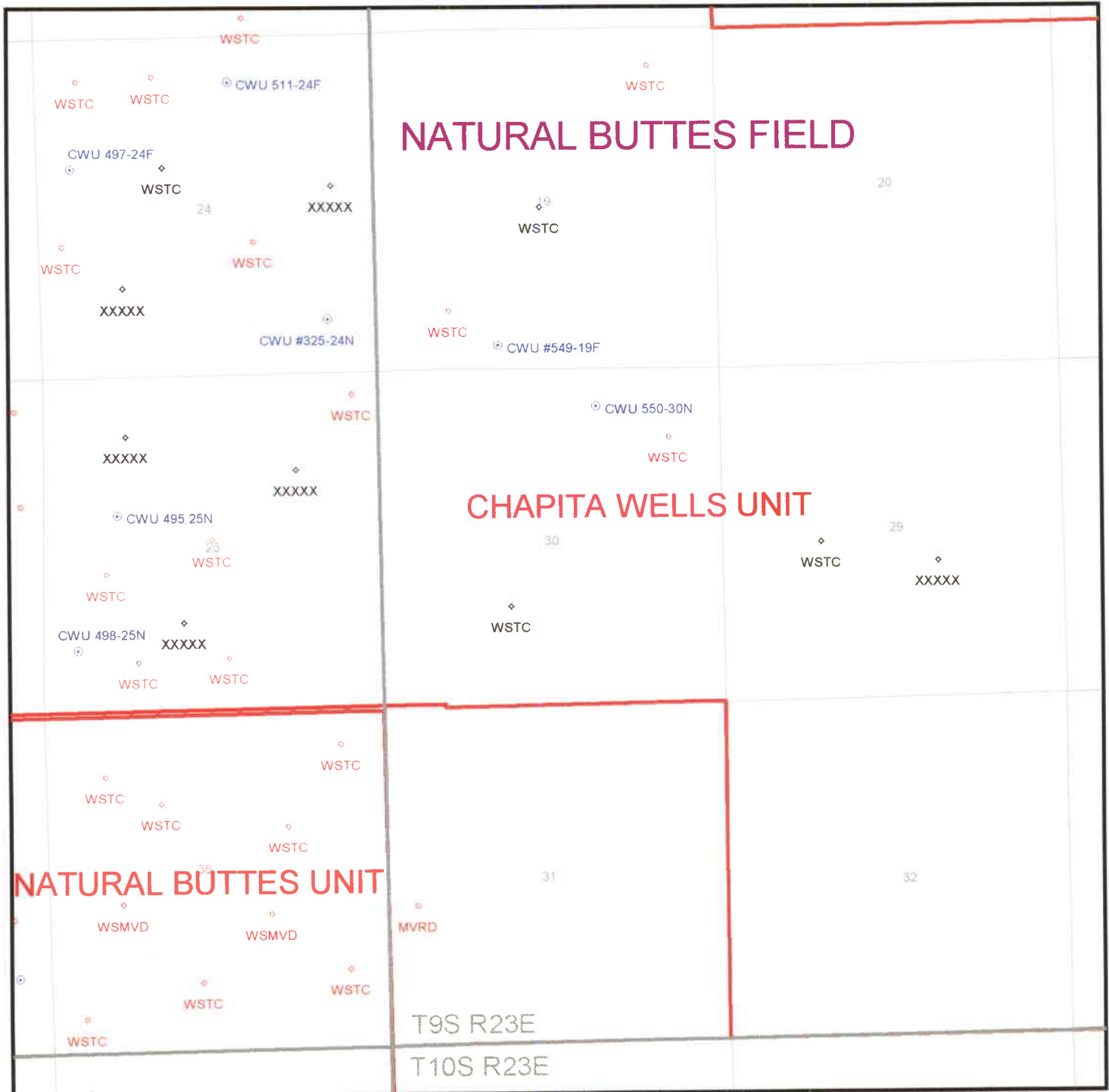
DIVISION OF OIL, GAS & MINING

OPERATOR: ENRON OIL & GAS CO. (N0401)

FIELD: NATURAL BUTTES (630)

SEC. 30 , TWP. 9S , RNG. 23E,

COUNTY: UINTAH UAC: R649-2-3 CHAPITA WELLS UNIT



DATE PREPARED:
27-APR-1998



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 29, 1998

Enron Oil & Gas Company
P.O. Box 1815
Vernal, Utah 84078

Re: CWU 550-30N Well, 600' FNL, 1900' FEL, NW NE, Sec. 30,
T. 9 S., R. 23 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33116.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Enron Oil & Gas Company
Well Name & Number: CWU 550-30N
API Number: 43-047-33116
Lease: U-337
Location: NW NE Sec. 30 T. 9 S. R. 23 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ENRON OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 1815, VERNAL, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

600' FNL & 1900' FEL NW/NE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

19.9 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

600'

16. NO. OF ACRES IN LEASE

2344.08

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6620'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5112' GRADED GROUND

22. APPROX. DATE WORK WILL START*

MAY 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	200-220'	100-150 SX CLASS "G" + 2% CaCl ₂ + 1/4 #/SX CELLOFLAKE.
OR 12 1/4"	9 5/8"	32.30#	200-220'	50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).
7 7/8"	4 1/2"	10.50#	6620'	

SEE ATTACHMENTS FOR:

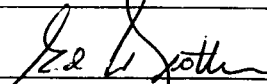
8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE--MAP "D"
FACILITY DIAGRAMENRON OIL & GAS COMPANY WILL BE THE
DESIGNATED OPERATOR OF THE SUBJECT
WELL UNDER NATIONWIDE BOND #81307603

pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

AGENT

DATE

4-13-1998

(This space for Federal or State or the use)

PERMIT NO.

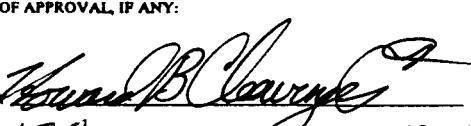
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY



TITLE

Assistant Field Manager
Mineral Resources

DATE

5/6/98

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil & Gas Company

Well Name & Number: CWU 550-30N

API Number: 43-047-33116

Lease Number: U - 337

Location: NWNE Sec. 30 T.9S R. 23E

Agreement: Chapita Wells Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 1,727 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

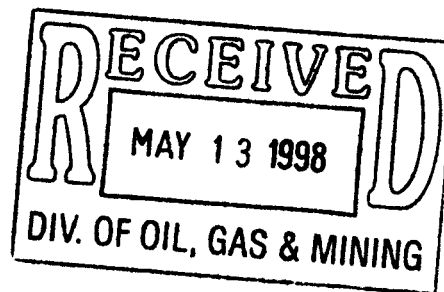
In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenzcka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410



EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

- The road should be crowned at between 2 to 3 %.
- When plowing snow during the winter months, the snow should be plowed outside of the burrow ditches to prevent the snow melt from saturating the road during the spring.
- If the Uinta Formation bedrock is exposed during construction and vertebrate fossils are found, the project paleontologist should be contacted immediately to evaluate the discovery.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

CONFIDENTIAL

Name of Company: ENRON OIL & GAS

Well Name: CHAPITA WELLS UNIT 550-30N

Api No. 43-047-33116 Lease Type: FEDERAL

Section 30 Township 9S Range 23E County UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 7/31/98

Time 10:00 AM

How DRY HOLE

Drilling will commence

Reported by ED TROTTER

Telephone # 1-435-789-4120

Date: 7/29/98 Signed: MKH

✓

(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED

Budget/au No. 1004-0135

Expires September 30, 1990

5. Lease Designation and Serial No.

U 337

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

CHAPITA WELLS UNIT

8. Well Name and No.

CHAPITA WELLS UNIT 550-30N

9. API Well No.

43-047-33116

10. Field and Pool or Exploratory Area

CHAPITA WELLS/WASATCH

11. COUNTY STATE

UINTAH, UTAH

1. Type of Well

☐ Oil WELL ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

600' FNL - 1900' FEL (NW/NE)
SECTION 30, T9S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

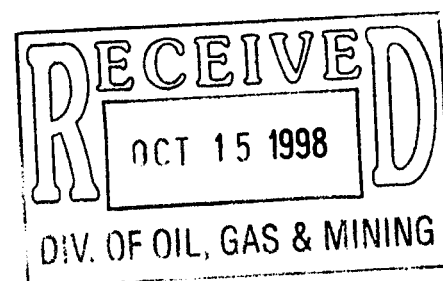
☐ NOTICE OF INTENT
☒ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE☐ ABANDONMENT
☐ RECOMPLETION
☐ PLUGGING BACK
☐ CASING REPAIR
☐ ALTERING CASING
☒ OTHER
☐ CHANGE OF PLANS
☐ NEW CONSTRUCTION
☐ NON-ROUTINE FRACTURING
☐ WATER SHUT-OFF
☐ CONVERSION TO INJECTION

SPUD DATE

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company spudded 11" surface hole at the subject location 10/7/98. The contractor was Bill Martin Drilling. Ed Forsman of the Vernal BLM District office and Jimmy Thompson of the Utah Division of Oil, Gas & Mining were notified of spud by the telephone 10/7/98



*NOTE: Enron will be using Nationwide Bond #NM 2308

14. I hereby certify that the foregoing is true and correct

SIGNED Raty Carlson TITLE Regulatory Analyst

DATE 10/12/98

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR ENRON OIL & GAS COMPANY
ADDRESS P.O. BOX 250
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. H 0401

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	4905	43-047-33116	CHAPITA WELLS UNIT 550-30N	NW/NE	30	9	23	UINTAH	10/7/98	
WELL 1 COMMENTS: 990111 entity added; (Chapita u/WSTC BCDE) KDR CONFIDENTIAL											
B	99999	4905	43-047-33119	CHAPITA WELLS UNIT 566-22F	SW/SE	22	9	22	UINTAH	7/16/98	
WELL 2 COMMENTS: 990111 entity added; (Chapita u/WSTC BCDE) KDR CONFIDENTIAL											
B	99999	4905	43-047-33212	CHAPITA WELLS UNIT 302-2F	SW/NE	2	9	22	UINTAH	11/18/98	
WELL 3 COMMENTS: 990111 entity added; (Chapita u/WSTC BCDE) KDR CONFIDENTIAL											
B	99999	4905	43-047-33216	CHAPITA WELLS UNIT 585-2	SE/NW	2	9	22	UINTAH	11/24/98	
WELL 4 COMMENTS: 990111 entity added; (Chapita u/WSTC BCDE) KDR CONFIDENTIAL											
A	99999	12521	43-047-33235	CHAPITA WELLS UNIT 582-1N	NW/SE	1	9	22	UINTAH	11/30/98	
WELL 5 COMMENTS: 990111 entity added; (Chapita u/WSTC A) KDR CONFIDENTIAL											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

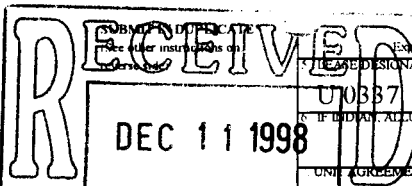
Signature Ruby Carlson
REG. ANALYST 1/11/99
Title _____ Date _____
Phone No. (307) 176-3331

JAN-11-99 10:14 FROM: ENRON O&G CO.

ID: 3072763335

PAGE 4/5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



EXPIRES August 31, 1985
FIELD DESIGNATION AND SERIAL NO.

U10387

IF INDICATE ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

CHAPITA WELLS UNIT

IF INDICATE ALLOTTEE OR TRIBE NAME

CHAPITA WELLS UNIT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL		OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		9. WELL NO.
2. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RES. <input type="checkbox"/> OTHER <input type="checkbox"/>		10. FIELD AND POOL, OR WILDCAT
3. NAME OF OPERATOR		ENRON OIL & GAS COMPANY		11. FIELD AND POOL, OR WILDCAT
4. ADDRESS OF OPERATOR		P.O. BOX 250 BIG PINEY, WYOMING 83113		12. COUNTY OR PARISH
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		600' FNL 1900' FEL (NW/NE)		13. STATE
At surface		SAME		14. PERMIT NO.
At top prod. interval reported below		SAME		43-047-33116
At total depth		SAME		DATE PERMIT ISSUED
15. DATE SPUDDED		16. DATE T.D. REACHED		4/29/98
10/07/98		10/21/98		
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (D.F.R.B.R.T.G.R.E.T.C.)*		
12/03/98		5125' KB		
19. ELEV. CASE/GHEAD		5112' PREP. GL.		
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		
5930'				
22. IF MULTIPLE COMPLETIONS, HOW MANY*		23. ROTARY TOOLS		
1		ROTARY		
24. PRODUCING INTERVAL(S) OF THIS COMPLETION-TOP, BOTTOM(S) NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE?		
WASATCH 5040' - 5801'		NO		
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED?		
11-16-78 Dipole Sonic, Compensated Neutron GR & Cement Bond Log Collar Locator, GR.		NO		

CONFIDENTIAL

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0# J-55	238'	12-1/4"	100 SX Class "G" cement.	NONE
4-1/2"	10.5# J-55	5930'	7-7/8"	350 sx Hi-Lift & 450 sx 50/50 Pozmix.	NONE

29. LINER RECORD					30. TUBING RECORD		
SIZE	T.O.P. (MD)	BOTTOM (MD)	SAVES CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5823'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
WASATCH C-13 & B-3 5672-76' & 5798-5801'				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
B-3 5782-84'				5672-5801'	18,879 gals gelled water & 96,000# 20/40 sand.
C-11 5451-54'				5268-5280'	17,388 gals gelled water & 82,000# 20/40 sand.
C-7 5268-72' & 5278-80'				5040-5153'	17,472 gals gelled water & 83,528# 20/40 sand.
C-5 & P-8 5040-42', 5083-86', 5138-42' & 5133-53'					

33. DATE FIRST PRODUCTION		34. PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				35. WELL STATUS (Producing or shut-in)	
12/03/98		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
12/06/98	24	16/64"	TEST PERIOD	0 BC	308 MCFD	203 BW	
FLOW-TUBING PRESS	CASING PRESSURE	CALCULATED	24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	
FTP 450 psig	CP 900 psig			0 BC	308 MCFD	203 BW	
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
SOLD						JAY ORR	

CONFIDENTIAL
PERIOD
EXPIRED
ON 1-3-2000

37. LIST OF ATTACHMENTS	
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	39. TITLE
SIGNED <i>[Signature]</i>	Regulatory Analyst
DATE	12/07/98

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *ent*: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of late information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental aspects of operations with oil and gas on Federal and Indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with those reported on this form.

Response to this request is mandatory once an oil or gas well is drilled.

CONFIDENTIAL

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

38.

GEOLOGIC MARKERS

				TOP		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Top Green River	1600'	
				Base "M" Marker	4260'	
				"N" Ls	4487'	
				Wasatch		
				Peter's Point	4602'	
				Chapita Wells	5132'	
				Buck Canyon	5692'	
				Island	6615'	

CONFIDENTIAL
PERIOD
EXPIRES



EOG Resources, Inc.
1200 Smith Street
Houston, TX 77002

P.O. Box 4362
Houston, TX 77210-4362

October 6, 1999

VIA OVERNIGHT MAIL

Ms. Kristen Risbeck
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Blanket Oil & Gas Well Drilling Bond No. JT 1230
Merger and Name Change from Enron Oil & Gas Company
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. Enclosed are an originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change, a Rider for Bond No. JT 1230 changing the principal to EOG Resources, Inc. and a list of wells operated by Enron Oil & Gas Company in Utah. Please update your records accordingly.

If you have any questions or need any additional information, please contact me at (713) 853-5195.

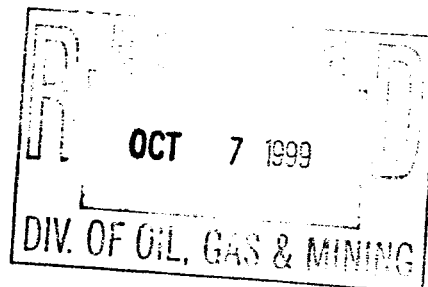
Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".

Debbie Hamre

Enclosures

cc: Theresa Wysocki
Toni Miller, Denver Division
Bill Aven



ENRON OIL & GAS COMPANY

CERTIFICATE OF NAME CHANGE

TO EOG RESOURCES, INC.

I, the undersigned, Vickie L. Graham, Assistant Secretary of EOG Resources, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware and formerly known as Enron Oil & Gas Company, hereby certify that:

- (1) as Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation;
- (2) attached is a true and correct copy of a Certificate of Ownership and Merger merging EOG Resources, Inc. into Enron Oil & Gas Company, and changing the corporate name of Enron Oil & Gas Company to EOG Resources, Inc., including a copy of the certificate of the Secretary of State of Delaware, the state of incorporation; said merger and name change being effective as of August 30, 1999.

IN WITNESS HEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of said Corporation this 4th day of October, 1999.

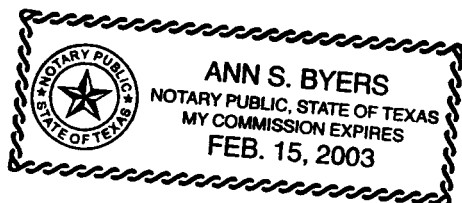
CORPORATE SEAL

Vickie L. Graham
Vickie L. Graham
Assistant Secretary

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me this 4th day of October, 1999 by Vickie L. Graham, as Assistant Secretary of EOG Resources, Inc., a Delaware corporation, on behalf of said corporation. Witness my hand and official seal.



Ann S. Byers
Notary Public in and for
The State of Texas

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"EOG RESOURCES, INC.", A DELAWARE CORPORATION,
WITH AND INTO "ENRON OIL & GAS COMPANY" UNDER THE NAME OF
"EOG RESOURCES, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE THIRTIETH DAY OF AUGUST, A.D. 1999, AT 4:30
O'CLOCK P.M.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2064000 8100M

991371085

AUTHENTICATION: 9955549

DATE: 09-03-99

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

EOG RESOURCES, INC.
a Delaware corporation

INTO

ENRON OIL & GAS COMPANY
a Delaware corporation

(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)

Enron Oil & Gas Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That Enron Oil & Gas Company (the "Company") and EOG Resources, Inc. ("EOG") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That the Company owns all of the issued and outstanding shares of the capital stock of EOG.

THIRD: That the board of directors of the Company adopted the following resolutions by unanimous written consent dated August 25, 1999, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"WHEREAS, EOG Resources, Inc., a Delaware corporation ("EOG"), is a wholly owned subsidiary of the Company;

WHEREAS, the board of directors of the Company deems it advisable and in the best interest of the Company to merge EOG with and into the Company, with the Company being the surviving corporation;

NOW, THEREFORE, BE IT RESOLVED, that EOG be merged with and into the Company pursuant to Section 253 of the General Corporation Law of the State of Delaware, and that the Company succeed to and possess all the rights and assets of EOG and be subject to all of the liabilities and obligations of EOG;

RESOLVED, that the Company change its corporate name by changing Article First of the Certificate of Incorporation of the Company to read in its entirety as follows:

"First: The name of the Corporation is EOG Resources, Inc."

RESOLVED, that each share of common stock, \$1.00 par value per share, of EOG issued and outstanding immediately prior to the effective date of the merger shall, upon the effective date and by virtue of the merger, be canceled without payment therefor;

RESOLVED, that the merger shall become effective on the date the Company files a Certificate of Ownership and Merger with respect to such merger with the Secretary of State of the State of Delaware;

RESOLVED, that the appropriate officers of the Company are hereby authorized and empowered to file the necessary documents with the Secretary of State of the State of Delaware, to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of the Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of the Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer);

RESOLVED, that the prior actions of the officers and directors of the Company in undertaking to carry out the transactions contemplated by the foregoing resolutions be, and the same hereby are, in all respects, approved, adopted, ratified and confirmed."

IT WITNESS WHEREOF, the Company has caused this Certificate to be signed by its duly authorized officer this 26th day of August, 1999.

ENRON OIL & GAS COMPANY

By:


Walter C. Wilson

Senior Vice President and
Chief Financial Officer





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
SL-065342 et al
(UT-932)

OCT 18 1999

NOTICE

EOG Resources, Inc.
Attn: Debbie Hamre
P.O. Box 4362
Houston, TX 77210-4362

:
:
:
:
:

Oil and Gas Leases

Merger Recognized Name Change Recognized

Acceptable evidence has been received in this office concerning the merger of EOG Resources, Inc. with and into Enron Oil & Gas Company with Enron Oil & Gas Company subsequently changing its name to EOG Resources, Inc.

For our purposes, the merger and name change are recognized effective September 3, 1999, the date the Secretary of State of the State of Delaware recognized the merger and name change.

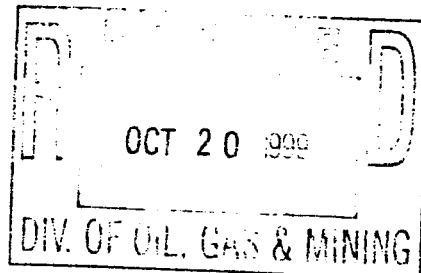
The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger/name change. The exhibit is the list supplied by EOG Resources, Inc. We have not adjudicated the case files to determine if the entity affected by the merger/name change holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger/name change by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Enron Oil & Gas Company to EOG Resources, Inc. on Nationwide Surety Bond No. JP 0923 (BLM Bond No. NM 2308). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name may be furnished to the New Mexico State Office of the Bureau of Land Management.

Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure:
Exhibit of Leases



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

01/18/2000

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS

PATTY E ROBINSON
ENRON OIL & GAS CO
PO BOX 250
BIG PINEY, WY 83113

UTAH ACCOUNT NUMBER: N0401REPORT PERIOD (MONTH/YEAR): 12 / 1999AMENDED REPORT ☐ (Highlight Changes)

WELL NAME			Producing Zone	Well Status	Well Type	Days Oper	Production Volumes		
API Number	Entity	Location					OIL (BBL)	GAS (MCF)	WATER (BBL)
WCU 495-25N									
4304733047	04905	09S 22E 25	WSTC		GW		U-0285A	Chapita wells unit	apprx 10.20.99
WCU 498-25N									
4304733048	04905	09S 22E 25	WSTC		GW		U-010956		
WCU 514-23F									
4304733058	04905	09S 22E 23	WSTC		GW		U-0282		
WCU 511-24F									
4304733059	04905	09S 22E 24	WSTC		GW		U-0282		
WCU 325-24N									
4304733066	04905	09S 22E 24	WSTC		GW		U-0282		
WCU 565-28F									
4304733067	04905	09S 22E 28	WSTC		GW		U-285A		
WCU 549-19F									
4304733068	04905	09S 23E 19	WSTC		GW		U-337		
WCU 558-14F									
4304733105	04905	09S 22E 14	WSTC		GW		U-0282		
WCU 559-14F									
4304733106	04905	09S 22E 14	WSTC		GW		U-0282		
WCU 524-13F									
4304733115	04905	09S 22E 13	WSTC		GW		U-0282		
WCU 550-30N									
4304733116	04905	09S 23E 30	WSTC		GW		U-337		
WCU 560-14F									
4304733117	04905	09S 22E 14	WSTC		GW		U-0282		
WCU 561-14F									
4304733118	04905	09S 22E 14	WSTC		GW		U-0282		

TOTALS

COMMENTS :

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 1, 2000

Enron Oil & Gas Company
P.O. Box 250
Big Piney, Wyoming 83113

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a merger from Enron Oil & Gas Company to EOG Resources Inc. for the following well(s) which are located on a fee lease:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
Stagecoach 18-17	17-09S-22E	43-047-30611
CWU 228-09	09-09S-22E	43-047-31317
CWU 337-09	09-09S-22E	43-047-32414
CWU 408-9N	09-09S-22E	43-047-33043
CWU 536-9F	09-09S-22E	43-047-33143
North Chapita 2-5	05-09S-22E	43-047-33211
CWU 535-9F	09-09S-22E	43-047-33275

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Enron Oil & Gas Company of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 2
Enron Oil & Gas Company
Notification of Sale
February 1, 2000

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Kristen D. Risbeck". The signature is written in a cursive, flowing style.

Kristen D. Risbeck

cc: EOG Resources Inc.
Utah Royalty Owners Association, Martin Brotherson
John R. Baza, Associate Director
Operator File(s)



EOG Resources, Inc.
1200 Smith Street
Houston, TX 77002

P.O. Box 4362
Houston, TX 77210-4362

SENT VIA FAX
(801)359-3940

March 10, 2000

Ms. Kristen Risbeck
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801

RE: Merger and Name Change from Enron Oil & Gas Company
Into EOG Resources, Inc.

Dear Ms. Risbeck:

On August 30, 1999, EOG Resources, Inc. merged with and into Enron Oil & Gas Company and Enron Oil & Gas Company changed its name to EOG Resources, Inc. An originally certified copy of the Certificate of Ownership and Merger evidencing this merger and name change was previously sent to you. As we discussed today, there are two wells, the CWU 590-16F, NWNW-16-T9S-R22E, 430473337200 and the CWU 596-9F, SWSE-9-T9S-R22E, 430473337400 that should have been included on the original well list we mailed October 6, 1999, but they were inadvertently left off.

Please change your records to reflect these two additional wells as operated by EOG Resources, Inc. If you have any questions or need any additional information, please contact me at the (713) 651-6714.

Sincerely,

A handwritten signature in cursive script that reads "Debbie Hamre".
Debbie Hamre

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
BRENNAN BOTTOMS 1-15	U-14639	430473101800
COTTONTAIL FED 1-18	U-0575	430473189900
COTTONWOOD FED 1-20	U-0575	430473187500
CWU 1-04	U-15726	430473066000
CWU 1-05 WASATCH	U-15727	430473066100
CWU 5-22	U-0284A	430471505100
CWU 7-10	U-0281	430471505300
CWU 11-15	U-0283A	430471505600
CWU 13-13	U-0282	430471505800
CWU 15-11	U-0281	430471506000
CWU 16-14	U-0282	430471506100
CWU 17-25	U-0285A	430471506200
CWU 20-28	U-0285A	430471506500
CWU 21-23	U-0282	430471506600
CWU 22-09	U-0283A	430471506700
CWU 24-02	ML-3077	430471506800
CWU 30-22	U-0284A	430473022900
CWU 31-14	U-0282	430473023200
CWU 32-21	U-0284A	430473023300
CWU 33-16	ML-3078	430473023400
CWU 34-28	SL-005296	430473023500
CWU 35-15	U-0283A	430473023600
CWU 36-26	U-0285A	430473026300
CWU 37-11	U-0281	430473026400
CWU 38-09	U-0283A	430473026500
CWU 39-16	ML-3078	430473026800
CWU 40-27	U-0344A	430473028700
CWU 42-13	U-0282	430473028900
CWU 43-11	U-0281	430473029000
CWU 44-10	U-0281	430473029100
CWU 45-25	U-010956	430473061200
CWU 47-30	U-0337	430473061400
CWU 48-19	U-0337	430473061500
CWU 49-25	U-0285A	430473070200
CWU 52-33	U-0336	430473071200
CWU 58-19	U-0337	430473082700
CWU 217-23	U-0282	430473115700
CWU 220-10	U-0281	430473115400
CWU 224-10	U-0281	430473121800
CWU 225-02	ML-3077	430473130500
CWU 226-03	U-0281	430473131200
CWU 227-03	U-0281	430473131300
CWU 228-09	FEE	430473131700
CWU 229-12	U-0282	430473131500
CWU 231-14	U-0282	430473131800

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 232-15	U-0283A	003693000001
CWU 233-15	U-0283A	003694000001
CWU 234-23	U-0282	003695000001
CWU 236-13 BC	U-0282	003697000001
CWU 236-13 PP		003697000002
CWU 237-22	U-0284	003698000001
CWU 238-16	ML-3078	003699000001
CWU 239-09	U-0283A	003700000001
CWU 240-16	ML-3078	003702000001
CWU 241-16	ML-3078	003703000001
CWU 244-25A CH	U-0285A	003707000002
CWU 244-25A ISL		003707000001
CWU 301-26	U-010956	019747000001
CWU 302-2F	ML-3077	020089000001
CWU 303-22	U-0284A	019748000001
CWU 304-13	U-0282	019749000001
CWU 306-27	U-0285A	021166000001
CWU 307-28	U-0285A	021167000001
CWU 308-21	U-0284A	021168000001
CWU 310-9	U-0283A	024129000001
CWU 311-26	U-0285A	021169000001
CWU 312-23	U-0282	020022000001
CWU 315-11F	U-0281	032567000001
CWU 319-14	U-0282	020023000001
CWU 320-11X	U-0281	024130000001
CWU 321-26	U-0285A	020025000001
CWU 323-22	U-0284A	020024000001
CWU 324-22	U-0284A	021172000001
CWU 325-24N	U-0282	031378000001
CWU 326-24	U-0282	021628000001
CWU 327-23	U-0282	021629000001
CWU 328-24F	U-0282	032254000001
CWU 332-10	U-0281	024131000001
CWU 334-02	ML-3077	021630000001
CWU 337-9N	FEE	021631000001
CWU 339-25	U-010956	021173000001
CWU 340-26N	U-0285A	024133000001
CWU 341-21N	U-0284A	022029000001
CWU 342-22	U-0284A	021198000001
CWU 343-15N	U-0283A	022030000001
CWU 344-23N	U-0282	022031000001
CWU 345-9N	U-0283A	022032000001
CWU 346-26N	U-0285A	022033000001
CWU 347-26N	U-010956	022034000001
CWU 348-23N	U-0282	022035000001

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 349-27N	U-0285A	022036000001
CWU 350-14N	U-0282	022037000001
CWU 351-15N	U-0283A	022038000001
CWU 352-16	ML-31603	032569000001
CWU 353-15F	U-0283A	025923000001
CWU 355-13N	U-0282	025926000001
CWU 358-23F	U-0282	025924000001
CWU 359-27N	U-0285A	024135000001
CWU 360-26N	U-0285A	024136000001
CWU 364-15	U-0283A	024138000001
CWU 401-28F	U-0285A	031398000001
CWU 403-3N	U-0281	025124000001
CWU 404-10N	U-0281	025125000001
CWU 407-16N	ML-3078	032570000001
CWU 408-09N	FEE	030439000001
CWU 409-11N	U-0281	025927000001
CWU 410-02N	ML-3077	030389000001
CWU 411-10N	U-0281	025126000001
CWU 416-24N	SL-071756	025127000001
CWU 429-22N	U-0284A	025129000001
CWU 430-22F	U-0284A	025130000001
CWU 431-23F	U-0282	025131000001
CWU 432-12N	U-0281	025123000001
CWU 433-28N	U-0285A	002592900001
CWU 434-27N	*43.047.32789 U-0285A	025930000001
CWU 435-24N	U-0282	025931000001
CWU 439-11N	U-0281	025932000001
CWU 440-14F	U-0282	025925000001
CWU 441-11F	U-0281	032571000001
CWU 442-11F	U-0281	030577000001
CWU 443-11F	U-0281	027627000001
CWU 448-10F	U-0281	030440000001
CWU 449-10F	U-0281	030666000001
CWU 451-14F	U-0282	027628000001
CWU 454-14F	U-0282	030441000001
CWU 457-15N	U-0283A	030667000001
CWU 458-15F	U-0283A	030668000001
CWU 460-16F	ML-3078	032572000001
CWU 462-24F	SL-071756	032255000001
CWU 463-23F	U-0282	027629000001
CWU 464-23F	U-0282	032573000001
CWU 465-23	U-0282	030669000001
CWU 467-22F	U-0284A	030390000001
CWU 469-22E	U-0284A	027630000001
CWU 471-21F	U-0284A	031399000001

LA in ERROR

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 474-21F	U-0284A	032574000001
CWU 477-27F	U-0285A	030391000001
CWU 479-26F	U-0285A	027631000001
CWU 480-26F	U-0285A	030388000001
CWU 482-09F	U-0283A	030392000001
CWU 483-15F	U-0283A	030665000001
CWU 485-26F	U-0285A	030670000001
CWU 486-2F	ML-3077	030576000001
CWU 487-09F	U-0283A	030617000001
CWU 488-13F	U-0282	030570000001
CWU 490-16N	ML-3078	030615000001
CWU 491-16N	ML-3078	030618000001
CWU 492-16F	ML-3078	030616000001
CWU 494-22F	U-0284A	030444000001
CWU 495-25N	U-0285A	030673000001
CWU 496-21E	U-0284A	030614000001
CWU 497-24F	U-0282	030674000001
CWU 498-25E	U-010956	030575000001
CWU 499-24F	U-0282	030672000001
CWU 505-28F	U-023998	031400000001
CWU 506-27F	U-0285A	031401000001
CWU 507-26F	U-010956	032444000001
CWU 511-24F	U-0282	031379000001
CWU 514-23F	U-0282	031380000001
CWU 516-21F	U-0284A	031382000001
CWU 517-16F	ML-3078	032257000001
CWU 518-16F	ML-3078	031402000001
CWU 520-15F	U-0283A	031381000001
CWU 521-15F	U-0283A	032258000001
CWU 522-15F	U-0283A	032242000001
CWU 523-14F	U-0282	032259000001
CWU 524-13F	U-0282	031403000001
CWU 531-11F	U-0281	032260000001
CWU 532-10F	U-0281	031407000001
CWU 534-9F	U-0283A	031408000001
CWU 535-9F	FEE	032220000001
CWU 536-09F	FEE	031409000001
CWU 538-3N	U-0281	031410000001
CWU 542-3	U-0281	032221000001
CWU 543-3	U-0281	032222000001
CWU 544-02F	ML-3077	032576000001
CWU 547-2F	ML-3077	031412000001
CWU 549-19F	U-0337	031383000001
CWU 550-30N	U-0337	031384000001
CWU 555-10F	U-0281	031385000001

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
CWU 556-11F	U-0281	031414000001
CWU 558-14F	U-0282	031386000001
CWU 559-14F	U-0282	031387000001
CWU 560-14F	U-0282	031416000001
CWU 561-14F	U-0282	031417000001
CWU 563-27F	U-0285A	031419000001
CWU 564-16F	ML-3078	031388000001
CWU 565-28F	U-0285A	031245000001
CWU 566-22F	U-0284A	031420000001
CWU 570-02F	ML-3077	031746000001
CWU 571-9F	U-0283A	031747000001
CWU 572-10F	U-0281	031748000001
CWU 573-11F	U-0281	031749000001
CWU 574-12N	U-0281	031750000001
CWU 575-13F	U-0282	031751000001
CWU 576-14F	U-0283	031752000001
CWU 577-22F	U-0284A	031753000001
CWU 578-22F	U-0284A	031754000001
CWU 579-23F	U-0282	031755000001
CWU 580-23F	U-0282	031756000001
CWU 582-1N	U-01458	031758000001
CWU 584-13F	U-0282	032261000001
CWU 585-2	ML-3077	032223000001
CWU 586-4	U-0283A	032224000001
CWU 589-28	U-0285A	032262000001
CWU 591-23F	U-0282	032577000001
CWU 592-11F	U-0281	032578000001
CWU 593-11F	U-0281	032579000001
DC 1-11 GR	U-27042	003747000001
DC 2-10 GR	U-27042	003758000001
DC 4-17 GR	U-38400	003780000001
DC 60-29	U-24230	003804000001
DC 61-29	U-24230	003805000001
* HARLEY GOVT #1	U-3405	009856000001
HOME FEDERAL #1-34	U-3405	006503000001
HOME FEDERAL #1-34 WAS	—	006503000002
LTL PAP 1-26 B5	U-43156	010439000001
LTL PAP 1-26 RED	—	010439000002
N CHAPITA 2-5	Full	031873000001
NATURAL COTTON 11-20	U-0575	023868000001
NATURAL COTTON 12-17	U-0575	025208000001
NATURAL COTTON 13-20	U-0575	023863000001
NATURAL COTTON 14-08	U-0575	023867000001
NATURAL COTTON 23-18	U-0581	023866000001
NATURAL COTTON 23-28	U-0576	023864000001

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NATURAL COTTON 34-21	U-1574 023865000001	430473242600
NATURAL COTTON 43-16	ML-3282 025207000001	430473046800
NBU 1-07B	004478000001	430473026100
NBU 2-15B	004489000001	430473026200
NBU 3-02B	004524000001	430473026700
NBU 4-35B	004538000001	430473027300
NBU 5-36B	004550000001	430473027200
NBU 7-09B	004573000001	430473027800
NBU 8-20B	004576000001	430473027500
NBU 10-29B	004479000001	430473027400
NBU 11-14B	U-0577A 004480000002	430473029200
NBU 11-14B WAS	—	430473029200
NBU 12-23B M4	U-0577A 004481000002	430473030800
NBU 13-08B	004482000001	430473029400
NBU 14-30	U-0581 004483000001	430473029500
NBU 15-29B	004484000001	430473029600
NBU 16-06B	004485000001	430473031600
NBU 17-18B	004486000001	430473031700
NBU 19-21B	004488000001	430473032800
NBU 20-01B	004490000001	430473031900
NBU 21-20B WDW	004497000001	430473035900
NBU 25-20B	004516000001	430473036300
NBU 26-13B	004517000001	430473036400
NBU 27-01B	U-02270A 004518000002	430473038100
NBU 28-04B	004521000001	430473036700
NBU 29-05B	004523000001	430473036800
NBU 30-18	004526000001	430473038000
NBU 31-12B BC	004528000002	430473038500
NBU 31-12B ISL	— 004528000001	430473038500
NBU 33-17B	004531000001	430473039600
NBU 34-17B	000350000001	430473040400
NBU 35-08B	004533000001	430473039700
NBU 36-07B	004534000001	430473039900
NBU 37-13B	U-0579 004535000001	430473040000
NBU 38-22B	U-0577A 004536000001	430473040100
NBU 48-29B	004547000001	430473054200
NBU 48-29B	— 004547000002	430473054200
NBU 49-12B	004548000001	430473047000
NBU 52-01B	004553000001	430473047300
NBU 53-03B	004555000001	430473047400
NBU 54-02B	004556000001	430473047500
NBU 55-10B	004557000001	430473046500
NBU 57-12B	004559000001	430473046300
NBU 58-23B	004560000001	430473046200
NBU 62-35B	004565000001	430473047700

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 63-12B	004566000001	430473046600
NBU 70-34B	004574000001	430473057700
NBU 71-26B	004575000001	430473057800
NBU 202-03	004493000001	430473115000
NBU 205-08	004494000001	430473123800
NBU 206-09	004495000001	430473116500
NBU 207-04	004496000001	430473117700
NBU 210-24	004498000001	430473115300
NBU 211-20	004499000001	430473115600
NBU 212-19	004500000001	430473126700
NBU 213-36	004501000001	430473126800
NBU 217-02	004505000001	430473128200
NBU 218-17	004506000001	430473131000
NBU 219-24	004507000001	430473130800
NBU 301-24E	020165000001	430473213100
NBU 302-9E	019750000001	430473201000
NBU 304-18E	020166000001	430473213000
NBU 305-07E	020167000001	430473213500
NBU 306-18E	021473000001	430473228200
NBU 307-6E	019751000001	430473201400
NBU 308-20E	021203000001	430473220200
NBU 309-20E	021295000001	430473228300
NBU 311-23E	021205000001	430473220300
NBU 313-29E	021832000001	430473237800
NBU 314-03E	021404000001	430473227100
NBU 316-17E	021935000001	430473238100
NBU 317-12E	021938000001	430473236200
NBU 318-36E	021204000001	430473220400
NBU 321-10E	021943000001	430473237900
NBU 322-15E	031312000001	430473313900
NBU 325-8E	021940000001	430473237600
NBU 328-13E	021944000001	430473238600
NBU 329-29E	021532000001	430473222900
NBU 331-35E	020174000001	430473214700
NBU 332-08E	020175000001	430473214800
NBU 333-2E	021405000001	430473251800
NBU 335-23E	021406000001	430473226500
NBU 336-24E	021407000001	430473226400
NBU 339-19E	021533000001	430473228100
NBU 340-20E	021408000001	430474232700
NBU 341-29E	022179000001	430473305500
NBU 342-35E	021206000001	430473221200
NBU 343-36E	021207000001	430473220500
NBU 349-07E	021534000001	430473232600
NBU 352-10E	021937000001	430473251900

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
NBU 356-29E	021834000001	430473238300
NBU 358-1E	021942000001	430473238800
NBU 360-13E	021945000001	430473238700
NBU 382-18E	031002000001	430473306400
NBU 386-24E	031005000001	430473305600
NBU 388-19E	031134000001	430473305700
NBU 389-29E	031344000001	430473304900
NBU 390-4E	031316000001	430473283500
NBU 391-05E	031007000001	430473298800
NBU 393-13E	031008000001	430473307100
NBU 394-13E	031009000001	430473307200
NBU 400-11E	025576000001	430473254400
NBU 431-09E	031135000001	430473306900
NBU 481-03E	031136000001	430473306300
NBU 483-19E	031137000001	430473306500
NBU 489-07E	031329000001	4304733121
NBU 490-30E	<i>Ad. U-0581</i> 031330000001	430473313500
NBU 497-1E	031337000001	430473312300
NBU 506-23E	031342000001	430473314000
NBU 508-8E	031300000001	430473312400
NBU STATE 1-32G	<i>ML-22261</i> 004470000001	430473031500
NBU STATE 2-36G	004471000001	430473051500
NDC 69-29 ORI	<i>U-24230</i> 010915000001	430473158000
NDK STORAGE	024739000001	
NDU 1-28	<i>U-0576</i> 004581000001	430473126900
OSCU II 1-34	<i>U-49523</i> 019777000001	430473203900
OSCU II 2-27 (DEV)	<i>U-49518</i> 001727000001	430473189800
OSCU II FED #1	<i>U-49518</i> 011041000001	430473172200
STG 1-32	<i>ML-3085</i> 005915000001	430471507100
STG 2-28	<i>U-0803</i> 005928000001	430471507200
STG 6-20	<i>Indian</i> 005936000001	430471507500
STG 11-22	<i>U-025960</i> 005919000001	430472019300
STG 14-34	<i>U-9613</i> 005922000001	430473059400
STG 15-27	<i>U-0803</i> 005923000001	430473060400
STG 18-17	<i>Free</i> 005926000001	430473061100
STG 19-33	<i>U-9613</i> 005927000001	430473065700
STG 21-08	<i>U-0283</i> 005930000001	430473065900
STG 22-17	<i>Indian</i> 005931000001	430473129900
STG 33-17N	<i>Indian</i> 024128000001	430473244100
STG 41-20	<i>U-019362A</i> 021175000001	430473228000
STG 44-8N	<i>U-0283</i> 025122000001	430473252000
STG 48-17F	<i>Indian</i> 031389000001	430473272800
STG 50-20F	<i>U-019362</i> 031390000001	430473310400
STG 51-20F	<i>Indian</i> 031391000001	430473312000
STG 52-08N	<i>U-0283</i> 031745000001	430473283400

EOG RESOURCES, INC.
UTAH OPERATED WELLS

WELL NAME	EOG PROPERTY #	API #
STG 53-08N <i>U-0283</i>	032264000001	430473268200
STG 56-20F <i>Indian</i>	032265000001	430473337000
STG 57-08N <i>U-0283</i>	032266000001	430473337100
WILD HORSE FED 2-26 <i>U-3405</i>	008266000001	430473188200
WILD HORSE FED 2-35 <i>U-3405</i>	019139000001	430473190100
WILD HORSE FED 3-26 <i>U-43156</i>	021869000001	430473237700
WILD HORSE FED 3-35 <i>U-3405</i>	021871000001	430473238900

1-KDR	6-KAS
2-GLH	7-SJ
3-JRB	8-FILE
4-CDW	
5-KDR	

Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (Well Sold) ☐ Designation of Agent
- ☐ Designation of Operator ☒ Operator Name Change Only (**MERGER**)

The operator of the well(s) listed below has changed, effective: 8-30-99

TO:(New Operator)

Address:

EOG RESOURCES INC.
P.O. BOX 4362
HOUSTON, TX 77210-4362
DEBBIE HAMRE
Phone: **(713)651-6714**
Account No. **N9550**

FROM:(Old Operator) **ENRON OIL & GAS COMPANY**
Address: **P.O. BOX 4362**
HOUSTON, TX 77210-4362
DEBBIE HAMRE
Phone: **(713)651-6714**
Account No. **N0401**

ALL(S): Attach additional page(s) if needed.

Name: **SEE ATTACHED**	API: 4304733116	Entity: S	T 95	R 238	Lease:
Name:	API:	Entity: S	T	R	Lease:
Name:	API:	Entity: S	T	R	Lease:
Name:	API:	Entity: S	T	R	Lease:
Name:	API:	Entity: S	T	R	Lease:
Name:	API:	Entity: S	T	R	Lease:

OPERATOR CHANGE DOCUMENTATION

1. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form) on 10.7.99.
2. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 10.7.99.
3. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is _____. If no, Division letter was mailed to the new operator on _____.
4. **Federal and Indian Lease Wells.** The BLM and/or the BIA has approved the operator change for all wells listed above involving Federal and/or Indian leases. BIM-Rec'd 10.20.99
BIA-Rec'd 3.10.99
5. **Federal and Indian Units.** The BLM and/or the BIA has approved the operator change for the _____ unit and all wells listed above involving unit operations. (Name change only - BIM approved)
6. **Federal and Indian Communitization Agreements ("CA").** The BLM and/or the BIA has approved the operator change for CA (Federal, Indian), CA No. _____, and all wells listed above involved in the CA.

* For wells located on a CA (state or fee) send a copy of the sundry notice of all wells involved to Teresa Thompson at the S.L. Office before approval.

7. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above. ** Need 1 for 43.*

VDR 8. Changes have been entered in the Oil and Gas Information System for each well listed on 1.31.2000 ^{3.16.00} *by DTS*

9. Changes have been entered in RBDMS for each water/gas injection, water disposal well listed on _____.

10. Changes have been included on the monthly "Operator, Address, and Account Changes" memo on _____.

VDR 11. An Operator Change File has been set up, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

VDR 1. (R649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? Yes/No No If entity assignments were changed, attach copies of Form 6, Entity Action Form.

VDR 2. Tax Commission, Trust Lands, and Forestry, Fire & State Lands have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE LEASE WELLS)

VDR 1. (R649-3-1) The NEW operator of any fee lease well(s) listed above has furnished a proper bond. *Rider # JT-1230 eff 10.4.99 St. Paul Fire & Marine (80,000)*

2. A copy of this form has been placed in the new and former operator's bond files on _____.

VDR 3. The FORMER operator has requested a release of liability from their bond as of today's date No, Rider. If yes, Division response was made to this request by letter dated _____ (see bond file).

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

VDR 1. E-mail sent on _____ to _____ at SITLA for changes involving State leases. (Wait two weeks before changing, unless the Division hears otherwise.) *(80,000 Statewide) St. Paul Fire & Marine*

VDR 2. (R649-2-10) The Former operator of any Fee lease wells listed above has been contacted and informed by letter dated 2.1.2000, of their responsibility to notify all interest owners of this change. *JP-D921*

FILMING

VS 1. All attachments to this form have been microfilmed on APR. 25 2001.

FILING

1. Copies of all attachments pertaining to each individual well have been filed in each well file.

2. The original of this form, and the original attachments have been filed in the Operator file(s).

COMMENTS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-337
2. Name of Operator EOG RESOURCES, INC		6. If Indian, Allottee or Tribe Name
Contact: ALFREDA SCHULZ E-Mail: alfreda_schulz@eogresources.com		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI
3a. Address P. O. BOX 250 BIG PINEY, WY 83113	3b. Phone No. (include area code) Ph: 307.276.4833	8. Well Name and No. CHAPITA WELLS UNIT 550-30N
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T9S R23E NWNE 600FNL 1900FEL 40.01258 N Lat, 109.36606 W Lon		9. API Well No. 43-047-33116
		10. Field and Pool, or Exploratory CHAPITA WELLS/WASATCH
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc tested an interval of the Upper Green River formation for potential use as a disposal zone as follows:

1. Set CIBP @ 4712' KB.
2. Perforated the Green River formation from 1708-13', 1719-34' & 1740-46' w/2 SPF and 180 degree phasing. Obtained a water sample for analysis.
3. Set packer @ 1516' KB and ran a step rate test to evaluate injectivity and formation parting pressure.
4. Landed tubing @ 1571'. The well is currently shut in pending further evaluation. *2-7-04 per Gern*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #27818 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Vernal	
Name (Printed/Typed) ALFREDA SCHULZ	Title SR. REGULATORY ASSISTANT
Signature (Electronic Submission)	Date 02/18/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

FEB 20 2004

DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc.
 ADDRESS: P.O. BOX 250
 BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. 9550
 FAX: EARLENE RUSSELL
 (801) 359-3940

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
D	4905	14072	43-047-33116	CHAPITA WELLS UNIT 550-30N	NW/NE	30	9S	23E	UINTAH	10/7/1998	3/5/04
GRU (WEST 4905 TAZ)											

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature
 Sr. Regulatory Assistant 2/27/2004
 Title

Phone No. (307) 276-4833

RECEIVED

FEB 2 / 2004

DIV. OF OIL, GAS & MINING

Feb-27-04 12:27pm

FROM:EOG - BIG PINEY, WY.

3072763335

T-681

P. 02/02

F-430



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18th STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

OCT 7 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

OCT 19 2005

DIV. OF OIL, GAS & MINING

Kurt Doerr
EOG Resources, Inc.
1540 Belco Drive
P.O. Box 250
Big Piney, WY 83113

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control Program
Permit for the Chapita Wells Unit 550-30N Well
Uintah County, UT
EPA Permit No. UT20980-06509

Dear Mr. Doerr:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Chapita Wells Unit 550-30N injection well. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on SEP 15 2005. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

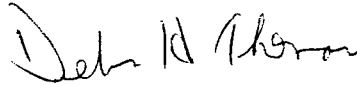
The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.



Printed on Recycled Paper

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Chuck Tinsley or my staff at (303) 312-6266, or toll-free at (800) 227-8917, ext. 6266.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
 Statement of Basis
 Form 7520-7 Application to Transfer Permit
 Form 7520-11 Monitoring Report
 Form 7520-14 Plugging Plan
 Form 7520-12 Well Rework Record
 Groundwater Section Guidance 34
 Groundwater Section Guidance 35
 Groundwater Section Guidance 37
 Groundwater Section Guidance 39

cc: Mr. Ed Forsman, EOG Resources, Inc.
 Ms. Maxine Natchees, Uintah and Ouray Business Committee
 Ms. Elaine Willie, Ute Indian Tribe
 Mr. Chester Mills, Bureau of Indian Affairs, U&O Agency
 Mr. Gil Hunt, State of Utah, DOGM
 Mr. Matt Baker, Bureau of Land Management





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

999 18TH STREET- SUITE 200
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 18 2006

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Kurt Doerr
EOG Resources, Inc.
1540 Belco Drive
P.O. Box 250
Big Piney, WY 83113

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: 43-047-33116
Underground Injection Control Program
Authorization to Inject
Chapita Wells Unit 550-30N Well
Uintah County, UT
EPA Permit No. UT20980-06509

Dear Mr. Doerr:

EOG Resources, Inc. has satisfactorily fulfilled all the Environmental Protection Agency (EPA) **Prior to Commencing Injection** requirements in the Well Permit UT20980-06509. Prior to Injection Requirements, i.e., Part I (Internal) Mechanical Integrity Test, Well Rework Record, and pore pressure and Radioactive Tracer Survey were received and approved by the EPA. Subsequent to issuance of the permit, a Major Modification was made to the permit increasing the interval permitted for injection and adding a requirement for annual Temperature Surveys in lieu of the Tracer Surveys. The first annual Temperature Survey has also been submitted and approved by EPA.

EOG Resources, Inc., as of the date of this letter, is authorized to commence injection into the Chapita Wells Unit 550-30N well. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 1620 feet to 1750 feet. Until such time that the Permittee demonstrates that the fracture gradient is other than 0.649 psi/ft, the Chapita Wells Unit 550-30N well shall be operated at a **maximum allowable injection pressure no greater than 345 psig.**

As of this approval, responsibility for Permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

RECEIVED

APR 21 2006

DIV. OF OIL, GAS & MINING

Mr. Nathan Wiser
Technical Enforcement Program – UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
999 18th Street, Suite 200
Denver, CO 80202-2466
Phone: 303-312-6211 or 1-800-227-8917, ext. #6211

Please be reminded that it is your responsibility to be aware of, and to comply with, all conditions of Permit UT20980-06509. If you have any questions in regard to the above action, please contact Chuck Tinsley at 303-312-6266 or at 1-800-227-8917, ext. #6266.

Sincerely,



Tracy M. Eagle
Director
Ground Water Program

cc: Mr. Ed Forsman, EOG Resources, Inc.
Ms. Maxine Natchees, Uintah and Ouray Business Committee
Ms. Elaine Willie, Ute Indian Tribe
Mr. Chester Mills, Bureau of Indian Affairs, U&O Agency
Mr. Gil Hunt, State of Utah, DOGM
Mr. Matt Baker, Bureau of Land Management



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 05 2005

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU 0337

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UTU 63013B

8. Well Name and No.
CWU 550-30N

9. API Well No.
43-047-33116

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator **EOG RESOURCES, INC.**

3a. Address
P.O. BOX 250 Big Piney WY, 83113

3b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NWNE 600 FNL 1900 FEL
SECTION 30 T9S, R23E 40.01258 LAT 109.36606 LON**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE TYPE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests the approval to convert this well from:

**GAS
to
WATER DISPOSAL**

EOG Resources, Inc. operates under Nationwide Bond #2308

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **Ed Forsman** Title **Production Project Engineer**

Signature *[Signature]* Date **08/01/2005**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* **Petroleum Engineer**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

OPERATOR

CONDITIONS OF APPROVAL

EOG Resources Inc.

Notice of Intent Convert to Water Disposal Request

Lease: UTU 63013B
Well: CWU 550-30N
Location: NWNE Sec 30-T9S-R23E

The request is granted with the following conditions:

1. Submit to this office a copy of any State Order in Utah (i.e. Utah Division of Oil, Gas and Mining) authorizing the conversion of this well to a water disposal.
2. Submit BLM Form 3160-4 with the subsequent report upon completion.
3. Please submit in future Notices of Intent the wellbore diagram.

This is an Order of the Authorized Officer (see 43 CFR 3162.1(a)). Please see 43 CFR 3165.3 for information on your review and appeal rights. If you have any questions, please feel free to contact Matt Baker of this office at (435) 781-4490.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

JUN 02 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ed Forsman
EOG Resources, Inc.
1060 E. Hwy 40
Vernal, UT 84078

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: FINAL Permit Major Modification
EPA UIC Permit UT20980-06509
Well: Chapita Wells Unit 550-30N
NWNE Sec. 30-T9S-R23E
Uintah County, UT
API No.: 43-047-33116

Dear Mr. Forsman:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Chapita Wells Unit 550-30N injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on **MAY 15 2009**. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at <http://www.epa.gov/safewater/uic/reportingforms.html>. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

RECEIVED

JUN 08 2009

DIV. OF OIL, GAS & MINING



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This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Chuck Tinsley of my staff at (303) 512-6266, or toll-free at (800) 227-8917, ext. 6266.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis
Form 7520-7 Application to Transfer Permit
Form 7520-11 Monitoring Report
Form 7520-14 Plugging Plan
Form 7520-12 Well Rework Record
Groundwater Section Guidance 34
Groundwater Section Guidance 35
Groundwater Section Guidance 37
Groundwater Section Guidance 39

cc: Uintah & Ouray Business Committee
The Honorable Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice Chairwoman
Steven Cesspooch, Councilman
Phillip Chimbraus, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

with enclosures:

Ferron Secakulku



Director, Natural Resources
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Robin Hansen
Fluid Minerals Engineering Office
BLM - Vernal Office

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

FINAL MAJOR PERMIT MODIFICATION
to the
EOG Resources Permit UT20980-06509

Pursuant to Appendices A, B, and C of the above referenced Underground Injection Control (UIC) Permit, a Major Permit Modification No. 1 is to be made.

ORIGINAL VERSION:

Appendix A, original permit wellbore diagram.
Appendix B, Logging and Testing Requirements:

Logs:

Type of Log
TEMP

Date Due

Prior to beginning injection and at least once every year to prove fluid is not migrating above the depth of 1620 ft.

Tests:

Type of Test

Pore Pressure

Standard Annulus Pressure

Date Due

Prior to beginning injection.

Prior to beginning injection and at least once every five years after the last successful demonstration of Part I Mechanical Integrity.

Appendix C, Operating Requirements:

Injection Interval(s):

Formation Name
Green River

Top
1,620 feet

Bottom
1,750 feet

Statement of Basis, Table 2.2, Injection Zones

Formation Name
Green River

Top
1,620 feet

Bottom
1,750 feet

IS MODIFIED TO READ:

Appendix A, updated wellbore diagram (attached)

Appendix B, Logging and Testing Requirements prior to injecting between the newly added (modified) injection interval, between 1750' – 1940':

RECEIVED
JUN 08 2009
DIV. OF OIL, GAS & MINING

Logs:Type of Log

TEMP

Date Due

Prior to beginning injection and at least once every year to prove fluid is not migrating above the depth of 1620 ft.

TEMP

AoR Well CWU 47-30: Prior to receiving authorization to inject and at least once annually thereafter. Log should be run from 100 feet below lower confining zone to surface.

Tests:Type of Test

Permeability

Step Rate Test

Pore Pressure

Date Due

Prior to injection.

Prior to receiving authorization to commence injection.

Prior to authorization to begin injection and at least once annually. (To monitor the Bird's Nest injection formation pressure build-up.)

Standard Annulus Pressure

Prior to beginning injection and at least once every five years after the last successful demonstration of Part I Mechanical Integrity.

Injection Zone Water Sample

Prior to receiving authorization to commence injection, an isolated representative sample (stabilized specific conductivity from three successive swab runs); analyzed for TDS, pH, specific gravity, and specific conductivity.

Injection Zone Water Sample

Prior to receiving authorization to commence injection, a representative isolated sample of injection zone formation water will be tested for naturally occurring hydrocarbons via the approved method found in the SOB accompanying permit.

Injectate Sample

A random representative sample of the injection water will be collected annually at sampling tap as described in the permit under Part II Sec.A.3(a) and analyzed for hydrocarbon content via the method found in the SOB accompanying the permit.

Appendix C, Operating Requirements:**Injection Interval(s):**Formation Name

Green River

Top

1,620 feet

Bottom

1,940 feet

Statement of Basis (p. 4, between the Green River and Wasatch Formation paragraphs):

BIRD'S NEST MEMBER OF THE GREEN RIVER FORMATION (1790' – 1955'.)

The Bird's Nest member (the newly added injection interval) occurs within the

Green River Formation. The Bird's Nest occurs at the depths between 1790' – 1955' at the site of the injection well. The Bird's Nest consists of nahcolite nodules set in marlstone overlain by a zone of thin, brittle shale beds, and by a fine-grained homogeneous sandstone.

Statement of Basis, Table 2.2, Injection Zones

<u>Formation Name</u>	<u>Top</u>	<u>Bottom</u>
Green River	1,620 feet	1,940 feet

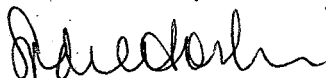
Permit requirements herein are based on regulations found in 40 CFR Parts 124, 144, 146, and 147 which are in effect on the Effective Date of this Permit Major Modification.


This Permit Modification is based on representations made by the applicant and on other information contained in the Administrative Record. Misrepresentation of information or failure to fully disclose all relevant information may be cause for termination, revocation and reissuance, or modification of this Permit Modification and/or formal enforcement action. This Permit will be reviewed periodically to determine whether action under 40 CFR 144.36(a) is required.

This Permit Modification is issued for the life of the well or wells unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This Permit Modification may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for this program is delegated to an Indian Tribe or a State. Upon the effective date of delegation, all reports, notifications, questions and other compliance actions shall be directed to the Indian tribe or State Program Director or designee.

Issue Date: JUN 02 2009

Effective Date: JUN 02 2009



 Stephen S. Tuber
Assistant Regional Administrator*
Office of Partnerships and Regulatory Assistance

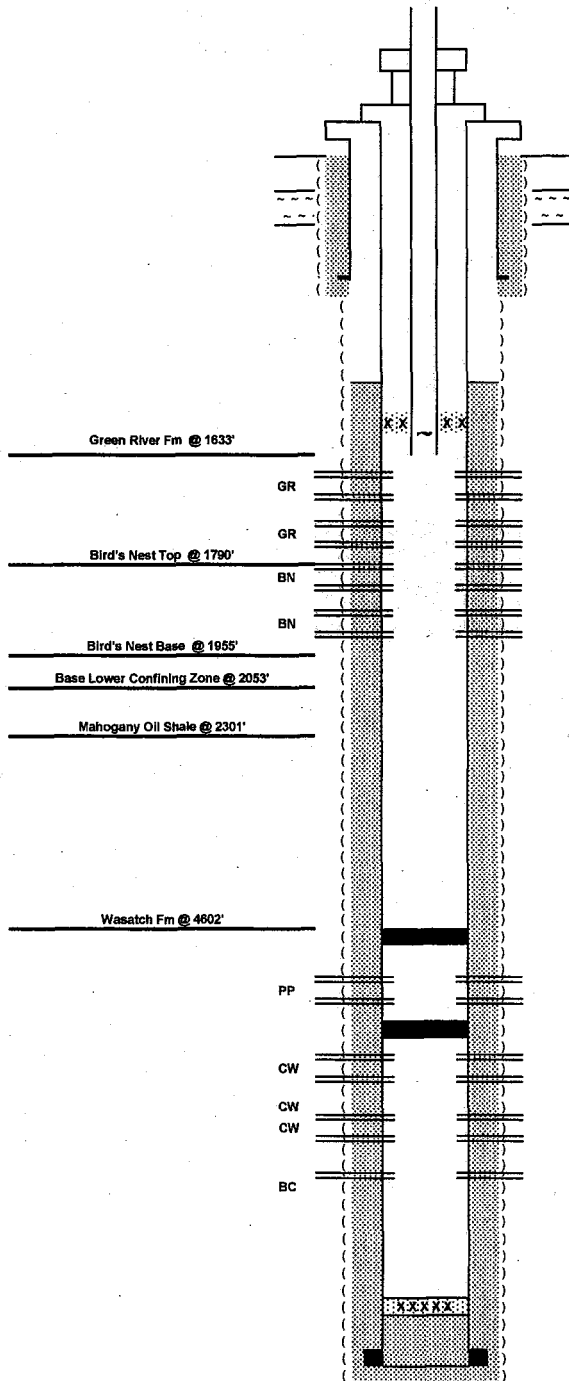
*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.



WELLBORE DIAGRAM

Operator: EOG Resources, Inc.
 Field Name: Chapita Wells Unit
 Well Name: CWU 550-30N
 Location: 600' FNL & 1900' FEL (NW NE) Sec. 30-T9S-R23E
 County: Uintah
 API #: 4304733116
 Date: 02/09/09

GL: 5112'
 KB: 5126'
 Spud Date: 10/7/98
 Completion Date: 11/3/98
 Surface Casing: 8-5/8", 24#, J-55 @ 238'
 w/100 sx Class G cmt
 Production Casing: 4-1/2", 10.5#, J-55 @ 5930'
 w/350 sx Hi-Lift cmt followed by
 450 sx 50-50 Pozmix cmt
 Tubing: 2-7/8", 6.5#, N-80 @ 1819'
 Packer: 1613'
 Top of Cement: 920'



Workover (1/06): Convert to water disposal well

Formation: Perforations:
 Green River 1708'-13', 1719'-34', 1740-46' (2 SPF)
 Proposed Recompletion (2/2009)
 Green River 1760'-62', 1772'-74', 1782-84' (6 SPF)
 Bird's Nest 1810'-1816', 1828'-48', 1854'-66', 1882'-1888', 1894'-86' (6 SPF)
 1904'-1906', 1914'-18', 1920-22', 1928-1938' (6 SPF)

Formation: Perforations: Original Completion:
 Peter's Point 5040'-42', 5083'-86' (2 SPF) Isolated by CIBP set @4712'
 Chapita Wells 5139'-42', 5150'-53' (2 SPF), Isolated by CIBP set @ 5120'
 5268'-72', 5278'-80' (3 SPF), 5451' - 54' (2SPF), 5672' - 84' (1SPF)
 Buck Canyon 5757'-60', 5782'-84' (1 SPF), 5798'-5801' (1SPF) Isolated by CIBP @5120'
 Workover (1/06): Convert to water disposal well

NEW PBTD: CIBP @4712'
 PBTD: 5884' (CIBP's @ 4712' & 5120')
 TD: 5930'

ADDENDUM TO THE STATEMENT OF BASIS
for a
FINAL MAJOR PERMIT MODIFICATION NO. 1
to
INCREASE THE INJECTION INTERVAL
to
INCLUDE THE BIRD'S NEST MEMBER OF THE GREEN RIVER FORMATION
for
EOG RESOURCES PERMIT: UT20980-06509

EOG Resources requests to deepen the permitted perforated interval to include the Bird's Nest Member of the Green River Formation by adding perforations between 1760 ft and 1940 ft. The top of the Bird's Nest Member is 1790 ft at this well location, and the base is 1955 ft. The base of the lower confining zone is 2053 ft while the base of the Mahogany Oil Shale has been identified at 2301 ft.

The proposed injection into the Bird's Nest Formation is of concern to nearby oil-shale mining interests in the area.

The Bird's Nest Member of the Green River Formation, proposed for injection, lies approximately 350 ft above the top of the Mahogany Shale formation. The Mahogany Shale is being proposed for oil-shale development in the vicinity of this injection well. Concerns have been raised regarding injection into the Bird's Nest and the effect of that injection on proposed oil-shale mining. Of primary concern are the proximity of the Bird's Nest to the Mahogany shale, and the possibility of the injection causing water intrusion into the mine works.

Research conducted on this topic may be found in the report, "Final Environmental Baseline Report -Federal Prototype Oil Shale Leasing Program, Tracts U-a and U-b Utah, White River Shale Project, " VTN Colorado, Inc., October 1977. This report, conducted in part to identify potential problems from adjacent aquifers on the proposed mining project, concludes that the "proposed mining program is not expected to create any interconnection between the Bird's Nest aquifer and the Douglas Creek Member nor is it expected to create vertical flow from either aquifer into the mine workings. However, because of the lack of conclusive proof of the separation of aquifers, it would be advantageous to design an intensified monitoring program in the event that large flows are encountered in the workings."

"Providing that there are no subflows from the Bird's Nest aquifer into the workings, the only effect of development upon the movement of ground water and water level fluctuations will be during the sinking of the mine shaft through the Bird's Nest aquifer. Inflow to the shaft will be stopped as soon as practicable by cementing and casing as stipulated in the DDP. Inflows to the shaft will be temporary, as will be the effect upon water levels. Specific monitoring should not be necessary for this aspect of development."

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JUN 08 2009
DIV. OF OIL, GAS & MINING

Due to the high permeabilities found in the Bird's Nest, the injection wells operate on a vacuum during the early stages of the injection project life. Although each permit requires a well test designed to determine fracture pressures in the Bird's Nest, tests conducted on nearby Bird's Nest injection wells have been unable to build up pressure in the Bird's Nest needed to determine a fracture pressure.

In order to establish how the Bird's Nest reacts to injection, permit conditions will require the injection well to undergo annual fluid level determinations. During these tests, the injection well is shut-in and static fluid level allowed stabilizing. After the fluid level has stabilized, the static fluid level is measured, cumulative injected volume determined, and the fluid in the well is sampled and analyzed for specific gravity in order to determine the pressure in the Bird's Nest. This information will be tracked year-to-year in order to show the buildup of pressure in the Bird's Nest and the relationship between that pressure and the cumulative volume of fluid injected into the disposal well.

Whether or not each of the wells in the area of review contains a volume of cement necessary to cover the Bird's Nest injection zone, cementing records indicate that routine problems have occurred while attempting to cement casing strings across the Bird's Nest. For wells designed with surface casing covering the Bird's Nest, a typical cement job involves pumping a volume of cement calculated to circulate cement to the surface. Once primary pumping is complete, pumping ceases and the level of the cement is monitored at the surface. While monitoring, cement typically falls back into the well, presumably into the Bird's Nest. Cement is then added to the annulus at the surface (top job) in several stages until the cement stops falling. Since surface casing strings are rarely logged with cement bond logging tools, there is no direct measurement of the quality of cement behind these casing strings.

In order to verify that these wells are cased and cemented in a manner to prevent fluid movement from the injection formation into USDWs, these Area of Review wells are required to undergo annual Temperature logging. Temperature logs will be conducted after the Area of Review wells are shut-in and the temperature in the wells is recovering to the background temperature. Review of the logging results will be performed to identify any Bird's Nest fluids which appear to be moving out of the Bird's Nest formation through channels behind casing. The results will be evaluated annually to determine if the requirement can be removed.

If the results of Temperature logging shows any indication of Bird's Nest formation fluids moving out of the zone, injection shall be shut-in and corrective action performed to insure that Bird's Nests fluids will remain within the Bird's Nest and will not migrate into USDWs.

Annually, and in conjunction with the Annual Report to the Director, the results of this monitoring shall be reported to the Director. This report shall include the results of the annual fluid level monitoring in order to determine how the Bird's Nest injection interval responds to the injected volumes.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-337			
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 			
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078		8. WELL NAME and NUMBER: CWU 550-30N			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0600 FNL 1900 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 30 Township: 09.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047331160000			
PHONE NUMBER: 435 781-9111 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/8/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests authorization to Recomplete the referenced well as per the attached procedure.					
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 10, 2009					
NAME (PLEASE PRINT) Kaylene Gardner	PHONE NUMBER 435 781-9111	TITLE Regulatory Administrator			
SIGNATURE N/A	DATE 6/10/2009				

**RECOMPLETION PROGRAM
CWU 550-30N**

**CWU 550-30N
600' FNL & 1,900' FEL (NW/NE)
Section 30, T09S, R23E
Uintah County, Utah
Lat 40.01258 Long -109.36606 (NAD 27)**

**June 8, 2009
EOG WI: 100.0%**

API# 43-047-33116

WELL DATA:

ELEVATION: 5,112' GL

KB: 5,125' (13' KB)

TOTAL DEPTH: 5,930' KB

PBTD: 4,712' CIBP

CASING: 8-5/8", 24#, J-55 STC set @ 238'. Cemented w/100 sx Premium cement. Bumped plug, float held. Cement to surface.

4-1/2", 10.5#, J-55#, STC set @ 5,822'. Cemented w/350 sx HI_LIFT G followed by 450 sx Premium Class G cement. TOC @ 920' from CBL.

PROPOSED PERFS	SPF/Phasing	INTERVAL
1760-1762', 1772-1774', 1782-1784', 1810-1816', 1828-1848', 1854-1866', 1882-1888', 1894-1896', 1904-1906', 1914-1918', 1920-1922', 1928-1938'	6/60°	Birds Nest

PROCEDURE:

1. MIRUSU. ND wellhead. NU BOPE.
2. Release packer and pull out of hole with 2 7/8 in. tubing and packer.
3. PU 2-3/8" work string. RIH with a bit and scraper, clean out to ±2000 ft.
4. RUWL. Perforate **Birds Nest** intervals from **1,760'-1938'** as shown. RDWL.
5. PU 2-3/8" X 4-1/2" packer. RIH w/tubing and packer. Set packer 1,742-1,760'. Break down perforations and establish injection rate. Swab back injection fluid. Collect and test water samples according to the attached EPA identified method.
6. Release packer and pull out of hole with 2 3/8 in. tubing and packer. Lay down 2-3/8 in. tubing and packer.
7. PU 2-7/8 in. tubing and packer and reset packer within 100' of the top perforation at 1708'.
8. Fill 2-7/8 in. X 4-1/2 in. annulus w/ packer fluid. Pressure test annulus to 600 psi.
9. RDMOSU

PREPARED BY:

ED FORSMAN, PRODUCTION ENGINEERING SPECIALIST

APPROVED BY:

PAUL PENDLETON, OPERATIONS MANAGER



43-047-33116
30 9s 23e

EOG Resources, Inc.
1060 E Hwy 40
Vernal, Utah 84078

Certified Mail
7010 1670 0001 2225 8651

February 14, 2011

United States Environmental Protection Agency
Region 8
Attn: Nathan Wiser
Mail Stop: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

RECEIVED
FEB 17 2011

DIV. OF OIL, GAS & MINING

RE: **Chapita Wells Unit 550-30N** Natural Buttes Unit 21-20B
EPA Permit No. UT20980-06509 EPA Permit No. UT20623-03708

Chapita Wells Unit SWD 2-29 Hoss SWD 901-36
EPA Permit No. UT 21049-07108 EPA Permit No. UT21157-07865

Hoss SWD 903-36 Hoss SWD 904-36
EPA Permit No. UT21158-07866 EPA Permit No. UT21159-07867

Hoss SWD 905-31 Hoss SWD 906-31
EPA Permit No. UT21160-07868 EPA Permit No. UT21161-07869

Hoss SWD 907-31
EPA Permit No. UT21162-07870

Dear Mr. Wiser:

Please find enclosed the Annual Disposal/Injection Well Monitoring Report (EPA Form 7520-11) for the above referenced wells. As requested, I have enclosed a copy of the water analysis for the water that we inject into each well. The water that is injected into the Chapita Wells Unit 550-30N and Chapita Wells Unit SWD 2-29 wells is pumped from the same facility located at the Chapita Wells 550-30N well site. All of the produced water that is injected into the six Hoss disposal wells is pumped from a single disposal facility (Hoss SWD Facility). We received the authorization to inject into the Hoss SWD 906-31 well on January 14, 2010. It was the last approval that we needed to operate the facility. We commenced injection from the Hoss SWD facility to all 6 Hoss SWD wells on that date. I have included a copy of the water analysis for that facility as well. The produced water that is injected into the NBU 21-20B comes from its own facility. I have also included a copy of the water analysis for that facility.



EOG Resources, Inc.
1060 E Hwy 40
Vernal, Utah 84078

We ran the required Temperature Logs on the Chapita Wells Unit 1125-29 (AOR well for the Chapita Wells Unit SWD 2-29 well), Chapita Wells Unit 47-30 (AOR well for the Chapita Wells Unit 550-30N SWD), and the Chapita 550-30N SWD and submitted logs in December. They are required on an annual basis. We are also required to run Temperature logs for the AOR wells associated with the six Hoss Disposal Wells and pressure surveys on the six disposal wells. I have included copies of the Temperature logs for the AOR wells listed below and the results of the pressure surveys for the disposal wells (see table).

Well	Hoss 901	Hoss 903	Hoss 904	Hoss 905	Hoss 906	Hoss 907
Fluid level	Surface	Surface	Surface	Surface	12 ft.	Surface
Pore Pressure (psig)	934 psig	1029 psig	1119 psig	936 psig	927 psig	912 psig
AOR Well	Hoss 1-36	Hoss 2-36	Hoss 62-36	Federal 23-31	Hoss 8-31	Hoss 8-31
AOR Well	Hoss 10-31	Hoss 5-36		N. Chapita Federal 24-31	Hoss 9-31	
AOR Well	N.Chapita Federal 44-36				N.Chapita Federal 43-31	

I ran pore pressure test on two wells per day for three days. I have digital Excel spreadsheet files of the pore pressure tests from Production Logging Services that I can forward to if you would like (350 pages each in hard copy). We have not started construction on the Coyote SWD 1-16 well (EPA Permit No. UT22165-08747) but we plan to do so soon. If you need any other information from me, I can be reached at (435) 781-9100 (office) or (435) 828-8236 (cell).

Sincerely,

Ed Forsman
Production Engineering Advisor
EOG Resources – Vernal Operations

Attachments

cc: State of Utah-Division of Oil, Gas & Mining
BLM - Vernal Field Office
Jim Schaefer – Denver Office
Dave Long – Big Piney Office



United States Environmental Protection Agency
Washington, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

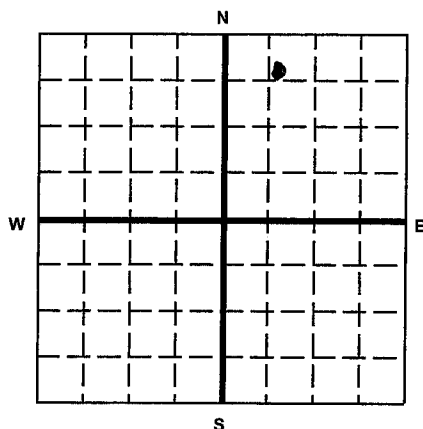
Name and Address of Existing Permittee

EOG Resources, Inc.
1060 East Highway 40 Vernal, UT 84078

Name and Address of Surface Owner

Bureau of Land Management
170 South 500 East Vernal UT 84078

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

Utah

County

Uintah County

Permit Number

UT20980-06509

Surface Location Description

N 1/4 of W 1/4 of N 1/4 of E 1/4 of Section 30 Township 09S Range 23E

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location 600 ft. from (N/S) NL Line of quarter section

and 743 ft. from (E/W) WL Line of quarter section.

WELL ACTIVITY

- ☒ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage

TYPE OF PERMIT

- ☒ Individual
☐ Area

Number of Wells 1

Lease Name Chapita Well Unit

Well Number CWU 550-30N

		INJECTION PRESSURE		TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (OPTIONAL MONITORING)	
MONTH	YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
January-2010		315	342	21012	0	0	0
February-2010		328	343	16070	0	0	0
March-2010		307	336	15940	0	0	0
April-2010		310	320	30612	0	0	0
May-2010		330	338	72159	0	0	0
June-2010		333	340	73224	0	0	0
July-2010		334	342	58153	0	0	0
August-2010		335	343	59117	0	0	0
September-2010		328	344	36773	0	0	0
October-2010		320	328	50279	0	0	0
November-2010		301	353	51669	0	0	0
December-2010		302	308	49185	0	0	0

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Ed Forsman - Production Engineering Advisor

Signature

Date Signed

02/11/11

PAPERWORK REDUCTION ACT

The public reporting and record keeping burden for this collection of information is estimated to average 25 hours annually for operators of Class I wells and 5 hours annually for operators of Class II wells. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.



1465 East 1650 south Vernal UT 84078 (435) 789-2069 www.nalco.com

Water Analysis Report

Field : **EOG** Sample Date : **12/17/2010**
 County : **Formation :**
 Location : **Chapita 550 SWD Injection Well** Rock Type :
 Lab ID : **Depth :** Analysed Date: **1/13/2011**
 Comments :

CATIONS	mg/l	Measured	Calculated	ANIONS	mg/l
Potassium	84.5	Total Dissolve Solid	26496.20	Sulfate	860.0
Sodium	9,945.8	Total Hardness	1656.71	Chloride	13,900.0
Calcium	542.8	PH	8.13	Carbonate	0.0
Magnesium	73.1	Total H2S aq	0.00	Bicarbonate	2,635.2
Iron	24.1	Manganese	0.80	Bromide	0.0
Barium	11.5	PO4 Residual	0.00	Organic Acids	0.0
Strontium	29.3	SRB Vials Turned	0.00	Hydroxide	0.0
SUM +	10,711.1	APB Vials Turned	0.00	SUM -	17,395.2

Initial(BH) Final(WH)

Saturation Index values

Calcite (CaCO₃)

2.29 2.29

Barite (BaSO₄)

2.20 2.20

Halite (NaCl)

-2.68 -2.68

Gypsum

-0.79 -0.79

Hemihydrate

-1.55 -1.55

Anhydrite

-1.04 -1.04

Celestite

-0.42 -0.42

Iron Sulfide

0.00 0.00

Zinc Sulfide

0.00 0.00

Calcium fluoride

0.00 0.00

Iron Carbonate

2.78 2.78

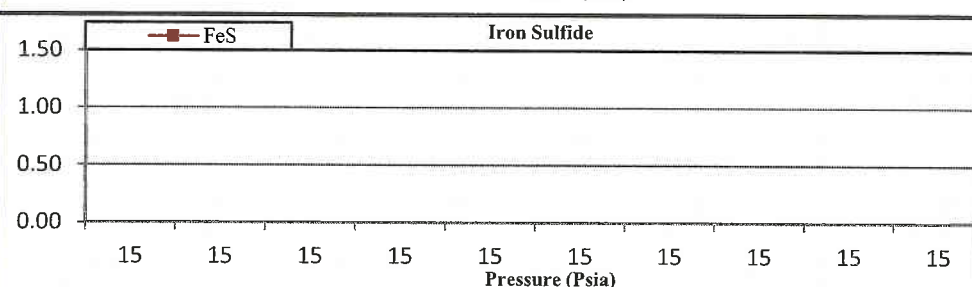
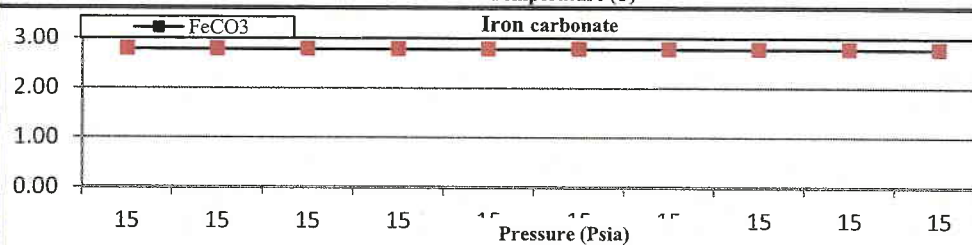
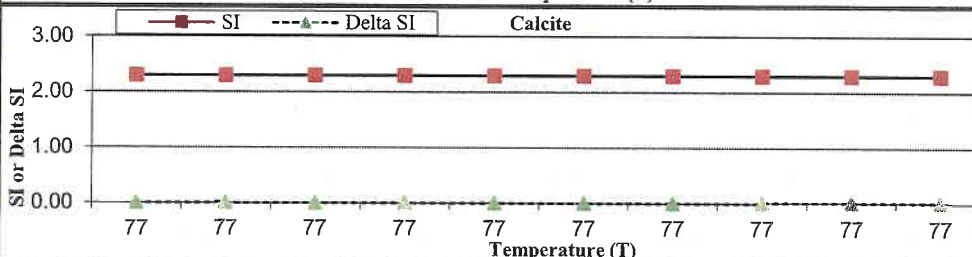
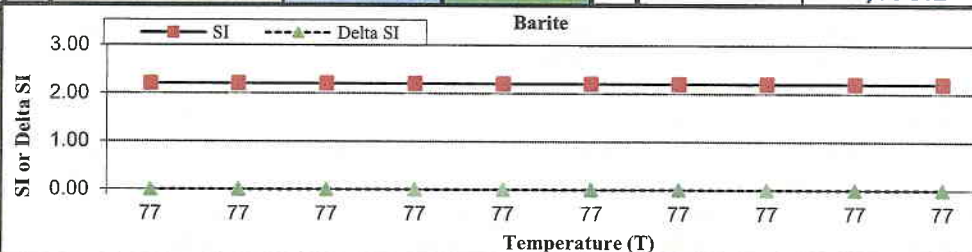
Inhibitor needed (mg/L)

Calcite NTMP

1.79 1.79

Barite BHPMP

0.60 0.60



Lab Manager: Andrea Craig

Analysis by: